LUNOX HOLDING S.E.

LUNOX INTERNATIONAL HOLDING S.E. · DEFENSE DIVISION

Defense Capability Catalogue

One partner. A vetted portfolio. Streamlined procurement.



EDITION 2026

A global architect of integrated solutions



LUNOX International Holding S.E. designs, structures and orchestrates tailored capabilities through a network of specialised partners, for complex and critical environments. The group operates across five strategic verticals (Civil & Industrial Construction, Defense, Transport & Logistics, Workforce, and Business Development), harmonising technology, human capital and physical assets into a single, cohesive strategy.

Its divisions work as one ecosystem, combining localised insight with global reach to mitigate risk, maximise efficiency and navigate the regulatory and logistical demands that complex programmes carry.

GLOBAL / INTEGRATED / CROSS-BORDER

A nexus between global defense trade and dual-use technological innovation

STRATEGIC CONNECTOR

The Defense Division does not manufacture. It operates as a strategic connector, identifying high-impact breakthroughs and aligning them with the rigorous demands of modern security environments. Its place is in the vital infrastructure of the defense supply chain: connecting, structuring and empowering the flow of resources.

WHAT THAT MEANS FOR THE BUYER

One point of contact across a portfolio drawn from multiple vetted manufacturers

NATO alignment
facilitating access to capabilities that adhere to the highest global operational and safety benchmarks

Strategic partnerships
designing and managing complex cross-border collaborations to deliver mission-ready solutions

Dual-use technology
identifying and adapting advanced commercial innovations for specialised military and security applications

Regulatory and logistics navigation across cross-border frameworks, as a single commercial interface

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CAPABILITY PORTFOLIO

01

Unmanned Aerial Systems



Fixed-wing, VTOL and rotary platforms for persistent observation, target acquisition and precision effect.

From theatre-level reach to attritable systems fielded at the scale that drone warfare consumes.

Tactical VTOL ISR System, Mid-Range

LX-UAS-001

Twenty-four hours of eyes, from unprepared ground.



OVERVIEW

A mission-ready tactical ISR system for persistent observation over contested or inaccessible terrain. In hybrid or all-electric configuration it delivers up to 24 hours of continuous surveillance beyond 180 km, controlled from a ground station that deploys in under 15 minutes from a vehicle, field position or fixed command centre. The VTOL configuration removes any requirement for prepared runways or launch infrastructure.

KEY FEATURES

- Deployable from forward positions, ships and unimproved ground
- Hybrid or all-electric powertrain, selected per mission
- Ground station operational in under 15 minutes
- Delivered as a complete capability, not an airframe
- Encrypted, anti-jamming dual-link architecture

TECHNICAL SPECIFICATIONS

- Configuration: VTOL / fixed-wing, modular
- Wingspan: 4600 mm
- Height: 1000 mm
- Propulsion, electric: 4500 Wh
- Endurance: 12–24 h hybrid; 3–5 h electric
- Data link range: 150–180+ km, extendable
- Maximum speed: 160 km/h
- Operating temperature: −20 °C to +50 °C
- Wind tolerance: to approx. 16 m/s; rain, fog and mist capable
- Navigation: GPS / GLONASS / Galileo; optional INS; optional CRPA (6–12 antenna)
- MTOW: 50–55 kg
- Payload capacity: Up to 20 kg
- Length: 2500 mm
- Propulsion, hybrid: 170 cc four-stroke with 2000 W onboard generator, approx. 16 L tank
- Service ceiling: 5000 m
- Cruise speed: 90–108 km/h
- Stall speed: approx. 65 km/h
- Ingress protection: IP54–IP65
- Communications: AES-128/256 encrypted, anti-jamming, dual-link redundancy, ADS-B
- Delivered set: three aircraft, ground control station, gyro-stabilised EO/IR payload, spares, certification training for a six-person crew

APPLICATIONS / END USERS

Armed forces, border and coastal authorities, and force-protection elements requiring persistent wide-area observation without runway infrastructure.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-UAS-001

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Long-Range VTOL ISR System

LX-UAS-002

Border-length patrol in a single sortie.



OVERVIEW

A theatre-level asset built for reach. A range beyond 2000 km, a 6000 m service ceiling and 61 kg of payload capacity make it capable of border-length patrol, maritime domain awareness and long-transit reconnaissance without relay. De-icing on wings and propellers extends operations to −40 °C, opening winter and high-altitude envelopes closed to most platforms in this class.

KEY FEATURES

- Range beyond 2000 km on one sortie
- Wing and propeller de-icing for winter and high-altitude operation
- Tool-less unfolding in under three minutes by a two-person crew
- Carbon-fibre airframe with aero certificate
- Aero-certified direct-injection powerplant

TECHNICAL SPECIFICATIONS

- Configuration: Fixed wing; VTOL optional
- Payload capacity: Up to 61 kg
- Height: 1100 mm
- Endurance: Up to 12 h
- Maximum range: 2000+ km
- Data link range: 180+ km (ground station coverage stated as 50–150 km)
- Maximum speed: 200 km/h
- Operating temperature: −40 °C to +50 °C with wing and propeller de-icing
- Avionics: EFI engine with full CAN telemetry, CAN industrial servos, encrypted anti-jamming links, ADS-B, IFF, automatic route / take-off / landing / return
- MTOM: 120 kg (empty 59 kg, all-up weight 74 kg)
- Wingspan: 5000 mm
- Length: 2700 mm
- Propulsion: 275 cc four-stroke direct-injection internal combustion engine, aero certified
- Service ceiling: 6000 m ASL
- Cruise speed: 140–160 km/h
- Ingress protection: IP54–IP65
- Wind tolerance: to approx. 16 m/s
- Airframe: Carbon fibre, aero certificate

APPLICATIONS / END USERS

National armed forces, maritime domain awareness authorities and border services conducting long-transit reconnaissance.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-UAS-002

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Attritable Tactical Interceptor

LX-UAS-003

Backpack-portable, expended without meaningful loss.



OVERVIEW

A throw-and-forget interceptor that inverts the economics of the drone threat. At 2.36 kg and carried 8–12 to a backpack, it launches in seconds (by hand, from a tube or by airdrop), and covers counter-UAS, counter-UGV, counter-USV, electronic warfare, ISR and anti-personnel roles from a single airframe. It operates alone or as a networked group under AI/ML preset missions, with in-flight mission change and recall.

KEY FEATURES

- Launched by hand, tube or airdrop within seconds
- Six mission roles from one airframe
- Solo or networked group operation with in-flight recall
- Low radar cross-section fibreglass construction
- Production capacity up to 6000 units per month

TECHNICAL SPECIFICATIONS

- Class: Dual-use, throw-and-forget, attritable
- Portability: 8–12 units per backpack, 2-second quick release
- Speed: 306 km/h (165 kn)
- Payload: Modular, 0.68 kg or 1.36+ kg, quick payload-container release
- Roles: ISR · hard strike · counter-UAS · counter-UGV · counter-USV · electronic warfare · anti-personnel
- Maturity: TRL 8 / MRL 10 COMPLIANCE: NDAA COMPLIANT / BLUE LIST; DEVELOPED TO ALLIED STANDARDS
- Weight: 2.36 kg (5.2 lb)
- Dimensions: 445 × 79 × 79 mm (17.5 × 3.1 × 3.1 in)
- Endurance: 17 min standard; 25 min extended
- Range: 64 km (40 miles)
- Launch: Hand-thrown, tube-launched, airdrop
- Construction: Fibreglass, low radar cross-section
- Networking: MAVLink · ATAK · AES-256 · GPS / INS / GNSS · FPV, C2 and GCS control · solo and group AI/ML preset missions · in-flight mission change and recall
- Production capacity: Up to 6000 units per month

APPLICATIONS / END USERS

Manoeuvre units, counter-UAS elements and special operations forces requiring expendable effect at scale.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-UAS-003

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Autonomous Strike Quadcopter

LX-UAS-004

One operator, several airframes, several objectives.



OVERVIEW

A second-generation quadcopter loitering munition designed for electronically contested environments and for areas where satellite navigation is degraded or unavailable. Its autonomy ecosystem uses convolutional neural networks for real-time target identification, allowing a single operator to coordinate multiple airframes against several objectives at once, and enabling employment by personnel with limited unmanned-systems experience.

KEY FEATURES

- Operates under electronic warfare and without satellite navigation
- Visual navigation for assured operation independent of GNSS
- Swarming for coordinated multi-platform engagement
- Terminal guidance for final-phase accuracy
- Tablet-based ground control station

TECHNICAL SPECIFICATIONS

- Dimensions, folded: 242 × 161 × 518 mm (W × H × L)
- Diagonal: 668 mm
- Maximum speed: 72 km/h
- Data link: Multi-band with frequency hopping
- Payload mode: Kamikaze or cargo release
- Operating temperature: −15 °C to +50 °C approx.
- Precipitation: Moderate rain
- Dimensions, deployed: 545 × 262 × 572 mm (W × H × L)
- Weight: approx. 2.3 kg
- Endurance: under 30 min
- Battery: LiPo 6 Ah 6S, replaceable
- Payload capacity: Up to 1.7 kg
- Payload interface: 2× TTL levels, PWM or UART
- Wind tolerance: 30 km/h with gusts to 40 km/h

APPLICATIONS / END USERS

Manoeuvre and reconnaissance units operating in electronic-warfare conditions and GNSS-denied terrain.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-UAS-004

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Autonomous ISR Quadcopter

LX-UAS-005

Airborne in under two minutes, one picture from every feed.



OVERVIEW

A surveillance quadcopter delivering real-time C4ISR and force protection, airborne in under two minutes. Its analytics layer is an AI video platform that fuses feeds from any RTSP source (airborne, fixed camera or ground sensor), into a single real-time picture with instantaneous threat classification. It deploys on-premises or in cloud, with secure multi-tenancy for shared operational environments.

KEY FEATURES

- Airborne in under two minutes
- Manual, GPS and fully autonomous flight modes
- EO and IR sensors on a three-axis gimbal
- AI tracking and recognition on the airborne feed
- Analytics layer fuses any RTSP source into one picture

TECHNICAL SPECIFICATIONS

- Dimensions, folded: 242 × 518 mm (W × L)
- Height: 200 mm
- Weight: approx. 2.3 kg
- Cruise speed: approx. 40 km/h
- Launch time: under 2 min
- Data link: 2.4 GHz, range to 15 km, live video and telemetry to ground station
- Payload weight: approx. 450 g
- Payload, infrared: 640 × 512 with digital zoom
- Processing: AI tracking and recognition
- Dimensions, deployed: 545 × 572 mm (W × L)
- Diagonal: 668 mm
- Maximum speed: 70 km/h
- Endurance: approx. 38 min
- Battery: LiPo 6 Ah 6S, replaceable
- Control: Tablet-based, Linux, joystick; manual / GPS / autonomous modes
- Payload, electro-optical: Full-HD 1080p or higher with digital zoom
- Gimbal: Three-axis

APPLICATIONS / END USERS

Force protection, critical infrastructure security, border surveillance and tactical command elements requiring live situational awareness.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-UAS-005

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

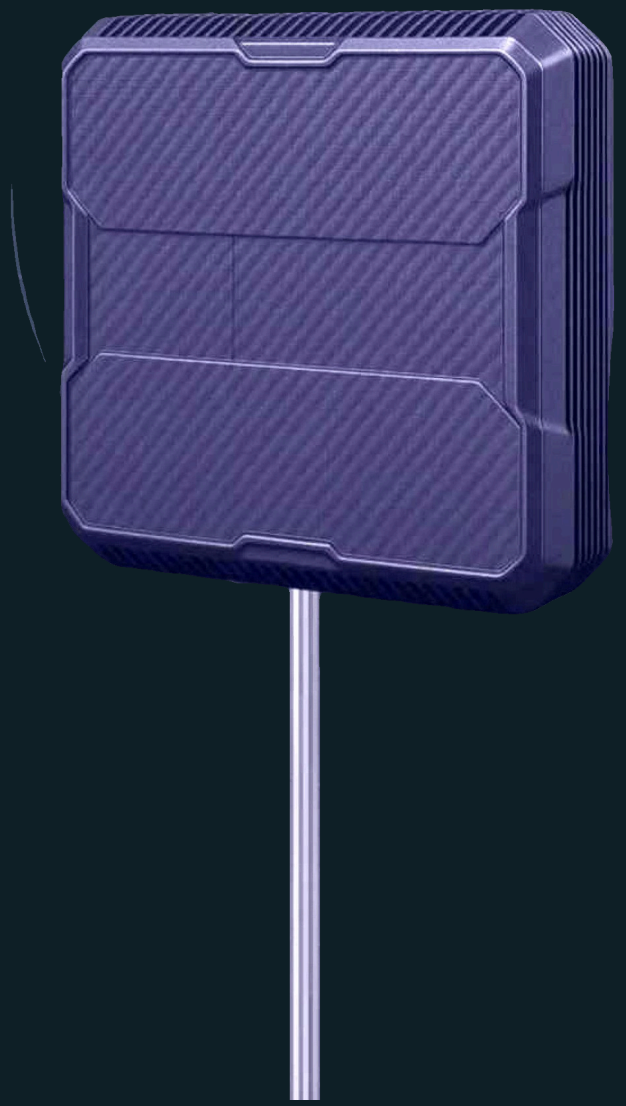
CAPABILITY PORTFOLIO

02

Surveillance & Target Acquisition

Automatic detection and tracking of ground, maritime and low-flying air targets against terrain clutter.

Open architecture, delivering 3D coordinates into existing command and control.



Tactical Surveillance Radar, X-Band

LX-SUR-001

Separates personnel from background, automatically.



OVERVIEW

A GaN-based electronically scanned radar for automatic detection and tracking of ground, maritime and low-flying air targets, including small unmanned systems, against terrain clutter. Micro-Doppler signal processing separates personnel, vehicles and vessels from background. Automatic zoning lets operators define areas of interest and have every entering target tracked without manual acquisition.

KEY FEATURES

- Micro-Doppler classification of personnel, vehicles and vessels
- Automatic zoning with hands-off target acquisition
- Open architecture: integrates with optical systems, active weapon systems and existing C2
- Manufactured in Europe with guaranteed spares to PCB component level
- Deployable in under ten minutes

TECHNICAL SPECIFICATIONS

- Type: FMCW, X-band
- Average RF power: 12 W
- Detection height: 9000 m at ranges beyond 12 km
- Coverage: 360° azimuth, 94° elevation (90° sector scan, 360° optional)
- Accuracy, elevation: 0.2°
- Tracking: Track-while-scan, 300–500 targets, automatic plot and track
- Maximum target speed: 2080 km/h
- Power: DC 24–32 V / AC 50 Hz 220–440 V
- Deployment: Under 10 minutes, automatic or manual north alignment
- Integration: ASTERIX protocol, JSON optional; second radar data processor for remote processing; military-specification INS and DGNSS package
- Transmit/receive module: GaN
- Detection range: 20 km at 10 m² RCS · 15 km at 1 m² · 10 km at 0.1 m² · 5 km at 0.01 m²
- Accuracy, distance: 1 m
- Accuracy, azimuth: 0.2°
- Resolution: 0.1°
- Target separation: 20 m / 2° horizontal
- Update rate: 0.8–2 s in 360° surveillance; scan rate 0.25– 1 Hz
- Display modes: 8 / 16 / 32 km
- Operating temperature: −30 °C to +55 °C
- Reliability: MTBCF ≥5000 h · MTTR ≤15 min · built-in PCB-level test equipment
- Standards: MIL-STD-810G · ISO 9001 / 14001 / 45001

APPLICATIONS / END USERS

Base and critical-infrastructure protection, border surveillance, counter-UAS networks and coastal watch.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SUR-001

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

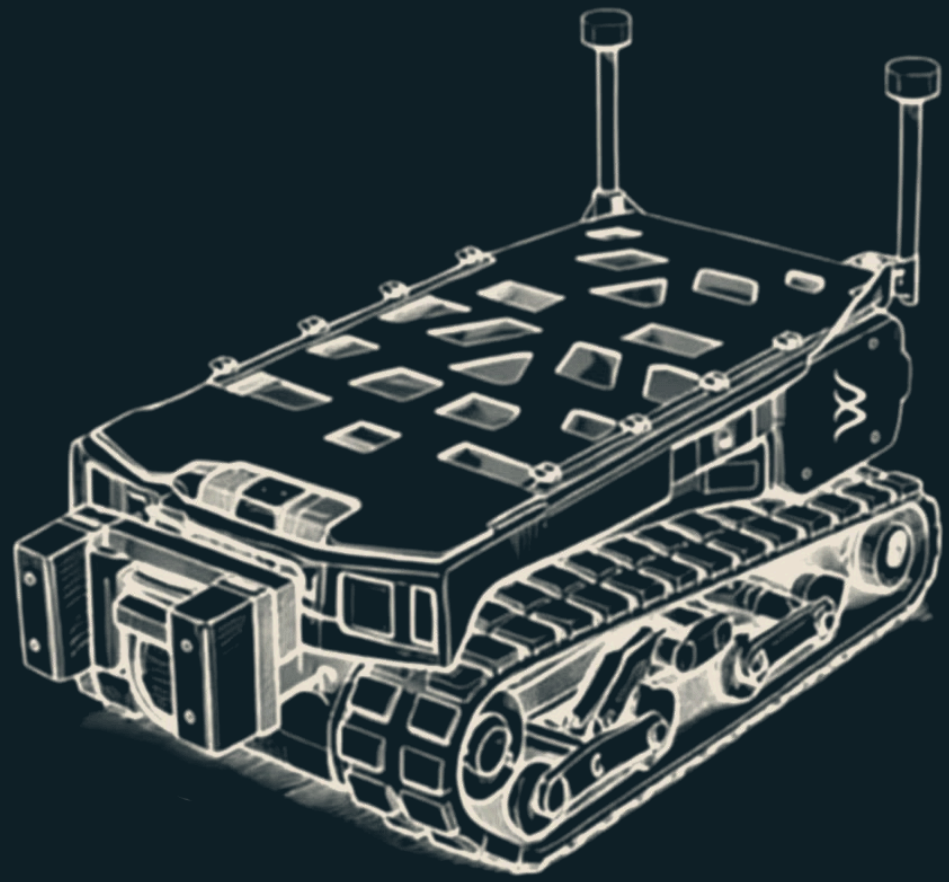
CAPABILITY PORTFOLIO

03

Unmanned Ground Systems

Teleoperated heavy platforms that enter where personnel cannot.

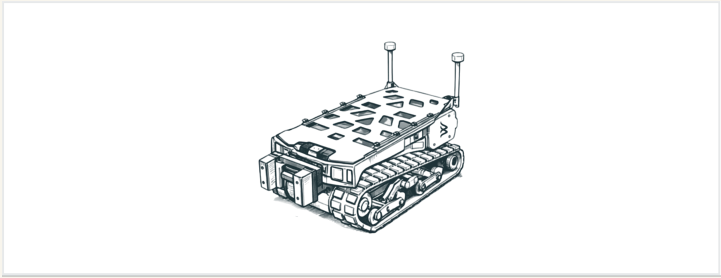
Fire, collapse, flood, toxic atmosphere and underground tunnel.



Heavy Intervention UGV

LX-UGS-001

Enters the fire, the tunnel and the toxic atmosphere.



OVERVIEW

A heavy-duty teleoperated ground vehicle for active industrial fires, collapsed structures, flooded zones, toxic atmospheres and underground tunnels. Active self-cooling holds structural and electronic integrity above 500 °C. Ten interchangeable payload modules convert one platform between firefighting, casualty evacuation, reconnaissance and logistics roles.

KEY FEATURES

- Active self-cooling above 500 °C
- Ten interchangeable payload modules on one platform
- Sealed for CBRN and toxic-atmosphere operations
- Tows 300 m of charged 70 mm hose
- Autonomous return-to-home and waypoint patrol

TECHNICAL SPECIFICATIONS

- Payload: 800 kg
- Control range: 5 km
- Power: 17.8 kW
- Platform dimensions: 1600 × 790 × 685 mm
- Battery: Detachable lithium-ion, approx. 4 h 30 min charge
- Protection: Sealed CBRN and toxic operation; ATEX-compatible configuration
- Control: Rugged handheld, tablet or smartphone (Windows / Android / iOS); Wi-Fi 802.11 indoor; encrypted military radio to 5 km; MESH multi-robot expansion on request
- Operating range: 22 km
- Thermal tolerance: >500 °C (extended operation to 900 °C in specific configurations)
- Lateral tilt: 35°
- Mobility: Stair climbing, integrated suspension with automatic tensioning, anti-roll bars, full wet traction
- Autonomy: Live telemetry to incident command; GPS with autonomous return-to-home; waypoint patrol; swarm-coordination compatible
- Certification: IP66 · CE electrical compliance
- Speed: 12 km/h
- Gradeability: 45°
- Ingress protection: IP66
- Operational mass: approx. 500 kg
- Drive: 2× brushless
- Obstacle clearance: 350 mm
- Towing: 300 m of charged 70 mm hose
- Sensors: Day, night and thermal cameras; multi-gas detection; black-box data logger
- Payload modules (10): Water cannon · ventilation fan · oxygen tank carrier · casualty-evacuation stretcher · snow plough · electric generator · payload cargo · surveillance PTZ mast · winch and pull bar · bare platform

APPLICATIONS / END USERS

Military and industrial firefighting, CBRN and HAZMAT response, disaster relief, infrastructure inspection and casualty extraction.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-UGS-001

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

CAPABILITY PORTFOLIO

04

Small Arms



Individual weapons in 7.62×39 mm, 9×19 mm and .22LR, on a common accessory-ready platform.

Tactical and classic configurations, rifle and pistol lengths, one furniture and magazine ecosystem.

Tactical Rifle, 7.62×39 mm

LX-SA-001

Full-size platform, accessory-ready from the box.



OVERVIEW

A full-size rifle with AK-compatible furniture and magazines, combining a telescopic buttstock and adjustable cheek riser with M-LOK heatshield handguards. A 7075 aluminium Picatinny rail and a separate side optics rail are included in its accessory-ready configuration.

KEY FEATURES

- Telescopic buttstock with adjustable cheek riser
- M-LOK heatshield handguards
- 7075 aluminium Picatinny rail and side optics rail
- Enhanced safety lever with finger shelf
- Ambidextrous QD sling attachment points

TECHNICAL SPECIFICATIONS

- Type: Full or semi-automatic rifle
- Barrel length: 415 mm
- Magazine type: AK-compatible
- Dust cover: Captive / hinged
- Calibre: 7.62×39 mm
- Overall length: 895–955 mm
- Weight: 3.530 kg (without magazine)
- Supplied magazine: 2, 10 or 30 rounds

APPLICATIONS / END USERS

Armed forces, gendarmerie and security forces requiring a full-size optics-ready service rifle.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-001

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Compact Tactical Rifle, 7.62×39 mm

LX-SA-002

The tactical platform, shortened for confined work.



OVERVIEW

A shorter, lighter member of the tactical range, pairing a 300 mm barrel with a compact telescopic buttstock. AK-compatible furniture and magazines, M-LOK heatshield handguards and a 7075 aluminium Picatinny rail define its compact, accessory-ready configuration.

KEY FEATURES

- 300 mm barrel in a compact telescopic-stock configuration
- M-LOK heatshield handguards
- 7075 aluminium Picatinny rail
- Enhanced safety lever with extended finger shelf
- Ambidextrous QD sling attachment points

TECHNICAL SPECIFICATIONS

- Type: Full or semi-automatic rifle
- Barrel length: 300 mm
- Magazine type: AK-compatible
- Dust cover: Captive / hinged
- Calibre: 7.62×39 mm
- Overall length: 760–840 mm
- Weight: 3.080 kg (without magazine)
- Supplied magazine: 2, 10 or 30 rounds

APPLICATIONS / END USERS

Vehicle crews, protective details and units operating in confined spaces.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-002

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Classic Rifle, 7.62×39 mm

LX-SA-003

Traditional configuration, current manufacture.



OVERVIEW

A traditional version of the AK-compatible rifle platform, pairing a full-length 415 mm barrel with a wooden buttstock and handguards. A polymer pistol grip and standard-design safety lever retain the classic configuration, with compatibility across AK-type magazines.

KEY FEATURES

- Wooden buttstock with cleaning-kit compartment
- Full-length 415 mm barrel
- Slant muzzle device with M14LH thread
- Polymer pistol grip
- Standard-design safety lever

TECHNICAL SPECIFICATIONS

- Type: Full or semi-automatic rifle
- Barrel length: 415 mm
- Magazine type: AK-compatible
- Muzzle device: Slant, M14LH thread
- Calibre: 7.62×39 mm
- Overall length: 890 mm
- Weight: 3.110 kg (without magazine)
- Supplied magazine: 2, 10 or 30 rounds
- Note: Cleaning kit not supplied

APPLICATIONS / END USERS

Conscript and reserve forces, training establishments and programmes standardised on the classic pattern.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-003

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Classic Rifle, Enhanced, 7.62×39 mm

LX-SA-004

Wooden furniture, modern controls and optics rails.



OVERVIEW

Combines the tactical platform with traditional wooden furniture in a more affordable configuration. Alongside its 415 mm barrel and AK-compatible magazines, it retains an enhanced safety lever, a 7075 aluminium Picatinny rail, a side optics rail and a hinged dust cover.

KEY FEATURES

- Wooden buttstock and handguards
- Enhanced safety lever retained
- 7075 aluminium Picatinny rail and side optics rail
- Hinged dust cover
- Stock cleaning-kit compartment

TECHNICAL SPECIFICATIONS

- Type: Full or semi-automatic rifle
- Barrel length: 415 mm
- Magazine type: AK-compatible
- Pistol grip: AK-compatible polymer
- Calibre: 7.62×39 mm
- Overall length: 890 mm
- Weight: 3.190 kg (without magazine)
- Supplied magazine: 2, 10 or 30 rounds
- Note: Cleaning kit not supplied

APPLICATIONS / END USERS

Forces upgrading classic-pattern inventories to optics capability without a full platform change.

Compact Classic Rifle, 7.62×39 mm

LX-SA-005

Short barrel, wooden furniture, rail-equipped.



OVERVIEW

Presents the compact platform with a wooden stock and handguards in a more affordable configuration. Its 300 mm barrel is paired with an enhanced safety lever, a 7075 aluminium Picatinny rail and a captive/hinged dust cover, while retaining AK- compatible magazines.

KEY FEATURES

- 300 mm barrel with wooden furniture
- Enhanced safety lever
- 7075 aluminium Picatinny rail
- Captive / hinged dust cover
- Slant muzzle device with M14LH thread

TECHNICAL SPECIFICATIONS

- Type: Full or semi-automatic rifle
- Barrel length: 300 mm
- Magazine type: AK-compatible
- Pistol grip: AK-compatible polymer
- Calibre: 7.62×39 mm
- Overall length: 780 mm
- Weight: 2.90 kg (without magazine)
- Supplied magazine: 2, 10 or 30 rounds
- Note: Cleaning kit not supplied

APPLICATIONS / END USERS

Support troops, vehicle crews and second-line units on classic-pattern inventories.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-005

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Tactical Pistol, 7.62×39 mm

LX-SA-006

Rifle calibre at 588 millimetres.



OVERVIEW

The shorter pistol version of the compact tactical rifle, with a 588 mm overall length and a 300 mm barrel. Its configuration includes a short butt adapter, AK-compatible furniture and magazines, M-LOK heatshield handguards and a 7075 aluminium Picatinny optics rail.

KEY FEATURES

- 588 mm overall length in rifle calibre
- Short butt adapter
- M-LOK heatshield handguards
- Enhanced safety lever with finger shelf
- Ambidextrous QD sling attachment points

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic pistol
- Barrel length: 300 mm
- Magazine type: AK-compatible
- Supplied magazine: 10, 20 or 30 rounds
- Calibre: 7.62×39 mm
- Overall length: 588 mm
- Weight: 2.730 kg (without magazine)
- Dust cover: Captive / hinged

APPLICATIONS / END USERS

Close-protection details, vehicle crews and covert-carriage roles requiring rifle-calibre effect.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-006

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Classic Pistol, 7.62×39 mm

LX-SA-007

Flat receiver, wooden handguards, 555 millimetres.



OVERVIEW

Pairs a 300 mm barrel with wooden handguards and a flat, no-stock receiver. It includes a 7075 aluminium Picatinny rail and a hinged dust cover. Unlike the tactical pistol, its receiver does not accept an AK-compatible stock; a buffer-tube adapter is listed separately as an option.

KEY FEATURES

- Flat no-stock receiver at 555 mm overall
- Wooden handguards
- 7075 aluminium Picatinny rail
- Enhanced safety lever with finger shelf
- Slant muzzle device with M14LH thread

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic pistol
- Barrel length: 300 mm
- Magazine type: AK-compatible
- Pistol grip: AK-compatible polymer
- Stock interface: Receiver does not accept AK-compatible stock; buffer-tube adapter optional (LX-WA-018)
- Calibre: 7.62×39 mm
- Overall length: 555 mm
- Weight: 2.67 kg (without magazine)
- Supplied magazine: 10, 20 or 30 rounds

APPLICATIONS / END USERS

Covert carriage, vehicle stowage and roles where a shoulder stock is not required.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-007

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Tactical Carbine, 9×19 mm

LX-SA-008

Competition-derived controls in a service carbine.



OVERVIEW

Developed for competition and tactical shooting, it combines AK-compatible furniture with CZ Scorpion Evo-compatible magazines. A compact telescopic buttstock and lightweight M-LOK handguards are complemented by an extended magwell, an extended magazine release and dedicated bolt hold/release controls.

KEY FEATURES

- Last-round bolt hold-open
- Extended magwell and magazine release
- Dedicated bolt hold and release controls
- 7075 aluminium Picatinny optics rail
- Captive / hinged dust cover

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic rifle
- Barrel length: 283 mm
- Magazine type: CZ Scorpion Evo type
- Calibre: 9×19 mm
- Overall length: 715–795 mm
- Weight: 3.215 kg (without magazine)
- Supplied magazine: 2, 10, 30 or 35 rounds

APPLICATIONS / END USERS

Law-enforcement tactical units, close-quarters roles and training establishments.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-008

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Classic Carbine, 9×19 mm

LX-SA-009

The same controls, in wooden furniture.



OVERVIEW

Combines the core ergonomic features of the tactical carbine with traditional wooden furniture. It retains CZ Scorpion Evo-compatible magazines, an extended magwell, an extended magazine release and dedicated bolt hold/release controls, alongside a 7075 aluminium Picatinny optics rail.

KEY FEATURES

- Last-round bolt hold-open
- AK-compatible wooden furniture
- Extended magwell and magazine release
- 7075 aluminium Picatinny optics rail
- Captive / hinged dust cover

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic rifle
- Barrel length: 283 mm
- Magazine type: CZ Scorpion Evo type
- Calibre: 9×19 mm
- Overall length: 730 mm
- Weight: 3.06 kg (without magazine)
- Supplied magazine: 2, 10, 30 or 35 rounds

APPLICATIONS / END USERS

Training establishments, reserve forces and guard units on pistol-calibre inventories.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-009

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Pistol-Calibre Carbine, 9×19 mm

LX-SA-010

The economical entry to pistol-calibre training.



OVERVIEW

Positioned as an affordable pistol-calibre carbine, combining a 442 mm barrel with wooden furniture and an AK-compatible polymer pistol grip. A 7075 aluminium Picatinny rail and captive/hinged dust cover accompany a proprietary 10-round magazine system.

KEY FEATURES

- 442 mm barrel, the longest in the 9×19 mm range
- AK-compatible wooden furniture
- 7075 aluminium Picatinny rail
- Standard-design safety lever
- Stock cleaning-kit compartment

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic rifle
- Barrel length: 442 mm
- Magazine type: Proprietary, 9×19 mm (LX-WA-011)
- Note: Cleaning kit not supplied
- Calibre: 9×19 mm
- Overall length: 882 mm
- Weight: 3.30 kg (without magazine)
- Supplied magazine: 10 rounds

APPLICATIONS / END USERS

Marksmanship training, cadet establishments and low-cost pistol-calibre programmes.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-010

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Tactical Pistol, 9×19 mm

LX-SA-011

The tactical carbine in a 548 mm pistol format.



OVERVIEW

Brings the tactical carbine configuration into a 548 mm pistol format with a short butt adapter. It retains CZ Scorpion Evo-compatible magazines, lightweight M-LOK handguards and a 7075 aluminium Picatinny rail, together with an extended magazine release and dedicated bolt hold/release controls.

KEY FEATURES

- Last-round bolt hold-open
- Short butt adapter, 548 mm overall
- AK-compatible furniture
- Lightweight M-LOK handguards
- Captive / hinged dust cover

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic pistol
- Barrel length: 283 mm
- Magazine type: CZ Scorpion Evo type
- Calibre: 9×19 mm
- Overall length: 548 mm
- Weight: 2.880 kg (without magazine)
- Supplied magazine: 10, 20, 30 or 35 rounds

APPLICATIONS / END USERS

Close-protection details and tactical entry teams.

Shoulder-Fired Pistol, 9×19 mm

LX-SA-012

Fixed stock, under 600 millimetres.



OVERVIEW

A shoulder-fired version featuring a compact fixed buttstock and a 592 mm overall length. It combines Glock 17/19 and Beretta 92-type magazine compatibility with a 7075 aluminium Picatinny rail, an enhanced safety lever and a cylindrical charging handle.

KEY FEATURES

- Fixed buttstock; overall length remains below 600 mm
- Glock 17/19 and Beretta 92-type magazine compatibility
- Cylindrical charging handle
- Enhanced safety lever
- Ambidextrous QD sling attachment points

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic shoulder-fired pistol
- Weight: 2.810 kg (without magazine)
- Supplied magazine: 10 or 15 rounds (Beretta)
- Calibre: 9×19 mm
- Overall length: 592 mm
- Barrel length: 160 mm
- Magazine type: Glock 17/19; Beretta 92
- Dust cover: Captive / hinged

APPLICATIONS / END USERS

Protective details and units standardised on commercial pistol magazines.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-012

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Sub-Compact Pistol, 9×19 mm

LX-SA-013

388 millimetres, commercial magazine compatibility.



OVERVIEW

The shortest weapon in the range, combining a 160 mm barrel with a 388 mm overall length. Its specification includes a proprietary grip connected to the trigger guard, a 7075 aluminium Picatinny rail and compatibility with Glock 17/19 and Beretta 92-type magazines.

KEY FEATURES

- 388 mm overall length
- Grip connected to the trigger guard
- Glock 17/19 and Beretta 92-type magazine compatibility
- Enhanced safety lever with finger shelf
- Cylindrical charging handle

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic pistol
- Barrel length: 160 mm
- Magazine type: Glock 17/19; Beretta 92
- Supplied magazine: 10 or 15 rounds (Beretta)
- Calibre: 9×19 mm
- Overall length: 388 mm
- Weight: 2.485 [DATA MISSING: confirm unit with supplier]
- Dust cover: Captive / hinged

APPLICATIONS / END USERS

Covert carriage, vehicle stowage and close-protection roles.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-013

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Compact Pistol, 9×19 mm

LX-SA-014

Wooden handguards, commercial magazines, 505 millimetres.



OVERVIEW

Combines a 283 mm barrel with wooden handguards and an AK-compatible polymer pistol grip. It is listed for Glock 17/19 and Beretta 92-type magazines and includes an enhanced safety lever, a 7075 aluminium Picatinny rail and a captive/hinged dust cover.

KEY FEATURES

- 505 mm overall length
- Wooden handguards with AK-compatible polymer grip
- Glock 17/19 and Beretta 92-type magazine compatibility
- Safety lever with finger shelf
- Slant muzzle device with 1/2×28 UNEF thread

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic pistol
- Barrel length: 283 mm
- Magazine type: Glock 17/19; Beretta 92
- Muzzle device: Slant, 1/2×28 UNEF thread
- Calibre: 9×19 mm
- Overall length: 505 mm
- Weight: 2.79 kg (without magazine)
- Supplied magazine: 10 or 15 rounds (Beretta)

APPLICATIONS / END USERS

Guard forces and protective details standardised on commercial pistol magazines.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-014

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Compact Pistol, 9×19 mm, Bolt Hold-Open

LX-SA-015

Same envelope, last-round hold-open.



OVERVIEW

Pairs wooden handguards with CZ Scorpion Evo-compatible magazines and last-round bolt hold-open. It omits the dedicated bolt hold/release button and flared magwell of the tactical range. Glock 17/19 and Beretta 92-type magazine compatibility is listed with an optional adapter.

KEY FEATURES

- Last-round bolt hold-open
- CZ Scorpion Evo-compatible magazines
- Optional adapter for Glock and Beretta magazines
- 7075 aluminium Picatinny optics rail
- Enhanced safety lever with finger shelf

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic pistol
- Barrel length: 283 mm
- Magazine type: CZ Scorpion Evo type
- Optional: Glock 17/19 and Beretta 92 compatibility via adapter (LX-WA-008)
- Calibre: 9×19 mm
- Overall length: 505 mm
- Weight: 2.78 kg (without magazine)
- Supplied magazine: 10, 30 or 35 rounds
- Dust cover: Captive / hinged

APPLICATIONS / END USERS

Tactical units requiring hold-open function in a compact envelope.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-SA-015

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Rimfire Training Rifle, .22LR

LX-SA-016

Platform ergonomics at rimfire cost per round.



OVERVIEW

A .22LR version of the rifle format, combining traditional wooden furniture with the look and ergonomics of the original platform. Presented as an economical option for introductory and recreational shooting, it uses a proprietary rimfire magazine.

KEY FEATURES

- Platform ergonomics at rimfire running cost
- AK-compatible furniture and polymer pistol grip
- Standard-design safety lever
- Stock cleaning-kit compartment
- Suited to introductory marksmanship

TECHNICAL SPECIFICATIONS

- Type: Semi-automatic rimfire rifle
- Barrel length: 438 mm
- Magazine type: Proprietary, .22LR (LX-WA-010)
- Calibre: .22LR
- Overall length: 878 mm
- Weight: 2.95 kg (without magazine)
- Supplied magazine: 10 rounds
- Note: Cleaning kit not supplied

APPLICATIONS / END USERS

Basic marksmanship training, cadet organisations and recreational range use.

CAPABILITY PORTFOLIO

05

Weapon Accessories & Components

Furniture, optics mounting, controls, magazines, muzzle devices and maintenance sets.

Common across the small-arms range and across AK-compatible inventories.



Optics Mounting & Rail Systems

LX-WA-001 to LX-WA-003

Holds zero under heavy glass.



OVERVIEW

Fully hardened steel dust covers with an integral Picatinny rail, described in the source catalogue as a mounting solution that maintains zero with heavy scopes, plus a hard-anodised aluminium rail segment that replaces polymer dust-cover rails on older versions.

KEY FEATURES

- Fully hardened steel construction
- Maintains zero with heavy optics
- Separate variants for 7.62×39 mm and 9×19 mm firearms
- Aluminium rail segment for standard hinged dust covers
- Replaces polymer dust-cover rails

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	CONSTRUCTION	RAIL	COMPATIBILITY
LX-WA-001	Heavy Optics Dust Cover, 7.62×39 mm	Fully hardened steel	Picatinny	AK-compatible 7.62×39 mm
LX-WA-002	Heavy Optics Dust Cover, 9×19 mm	Fully hardened steel	Picatinny	9×19 mm range, excluding all shoulder-fired and sub-compact pistol versions
LX-WA-003	Aluminium Picatinny Rail Segment	Hard-anodised aluminium	Picatinny	Standard hinged dust cover

APPLICATIONS / END USERS

Units fitting magnified or thermal optics to AK-pattern inventories.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-WA-001 TO LX-WA-003

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Weapon Controls

LX-WA-004 to LX-WA-006

Faster disengagement, controlled bolt travel.



OVERVIEW

Control-surface components for AK-compatible firearms: an enhanced safety lever with a finger shelf described as fast-disengaging, a polymer bolt buffer that limits bolt travel, and an extended charging handle that converts the standard handle to a cylindrical type.

KEY FEATURES

- Enhanced safety lever with finger shelf
- Fast disengagement from the firing hand
- Polymer bolt buffer limits bolt travel
- Cylindrical extended charging handle
- Fits AK-compatible and range firearms

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	FEATURE	COMPATIBILITY
LX-WA-004	Enhanced Safety Lever	Finger shelf, fast disengaging	AK-compatible firearms, their semi-automatic versions, and the small-arms range
LX-WA-005	Bolt Buffer	Polymer, black; limits bolt travel	9×19 mm and .22LR semi-automatic firearms in the range
LX-WA-006	Extended Charging Handle	Converts to cylindrical type	AK-compatible firearms

APPLICATIONS / END USERS

Armourer-level upgrade of existing AK-pattern inventories.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-WA-004 TO LX-WA-006

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Magazines & Magazine Adapters

LX-WA-007 to LX-WA-011

One interface, commercial magazine compatibility.



OVERVIEW

Proprietary 10-round magazines for the 9×19 mm and .22LR rifles, together with an adapter interface that supports Glock 17/19 and Beretta 92-type magazine configurations on 9×19 mm firearms in the range.

KEY FEATURES

- Proprietary polymer magazines in 9×19 mm and .22LR
- Adapter interface for commercial pistol magazines
- Separate adapters for Glock and Beretta patterns
- Black polymer construction throughout

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	CALIBRE / CAPACITY	MATERIAL	NOTES
LX-WA-011	Magazine, 9×19 mm	9×19 mm / 10 rounds	Polymer, black	For the pistol-calibre carbine and compact pistol range
LX-WA-010	Magazine, .22LR	.22LR / 10 rounds	Polymer, black	For the rimfire training rifle
LX-WA-007	Magazine Adapter Interface	9×19 mm	–	Hosts the adapters below; excludes the shoulder-fired and sub-compact pistols
LX-WA-008	Magazine Adapter, Glock 17/19	9×19 mm	–	Used with LX-WA-007
LX-WA-009	Magazine Adapter, Beretta 92	9×19 mm	–	Used with LX-WA-007

APPLICATIONS / END USERS

Forces standardising magazine logistics across pistol and carbine inventories.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-WA-007 TO LX-WA-011

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Furniture & Grips

LX-WA-012 to LX-WA-017

Complete classic furniture, or component by component.



OVERVIEW

Wooden stocks and handguards for stamped-receiver AK-compatible firearms, polymer pistol grips in two profiles, and the mounting hardware for both, available as individual components or as a complete classic furniture set.

KEY FEATURES

- Complete set or individual components
- Wooden stock excludes milled-receiver firearms
- Two pistol-grip profiles in black polymer
- Grip screw and mounting nut supplied separately or in the set
- Set includes a slant muzzle device

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	MATERIAL	NOTES
LX-WA-017	Classic Furniture Set	Wood and polymer	Contains LX-WA-012, LX-WA-013, LX-WA-015, LX-WA-016, the grip mounting nut and a 7.62 mm slant muzzle device
LX-WA-012	Wooden Buttstock	Wood	Stamped receivers only: not compatible with milled receivers
LX-WA-013	Wooden Handguard Set	Wood	AK-compatible firearms
LX-WA-014	MAK-Type Pistol Grip	Polymer, black	AK-compatible firearms; takes LX-WA-016
LX-WA-015	Classic Pistol Grip	Polymer, black	AK-compatible firearms
LX-WA-016	Pistol Grip Screw	Steel	Standard AK-compatible grips; also fits LX-WA-014
–	Pistol Grip Mounting Nut	Steel	AK-compatible firearms; included in LX-WA-017

APPLICATIONS / END USERS

Depot-level refurbishment and configuration change across AK-pattern inventories.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-WA-012 TO LX-WA-017

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Muzzle Devices

LX-WA-019 to LX-WA-021

Three profiles, two threads, one fitting standard.



OVERVIEW

Three muzzle-device profiles, each offered in a 7.62 mm version with M14LH thread and a 9 mm version with 1/2×28 UNEF thread: a slant device, a birdcage device described as providing slight flash hiding, and a combination device offering flash hiding with slight muzzle braking.

KEY FEATURES

- Three profiles across two thread standards
- Slant profile as fitted to the classic range
- Birdcage profile for slight flash hiding
- Combination profile for flash hiding and muzzle braking
- Common fitting across 7.62 mm and 9 mm firearms

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	7.62 MM VERSION	9 MM VERSION	STATED EFFECT
LX-WA-019	Slant Muzzle Device	M14LH thread	1/2×28 UNEF thread	–
LX-WA-020	Birdcage Muzzle Device	M14LH thread	1/2×28 UNEF thread	Slight flash hiding
LX-WA-021	Combination Muzzle Device	M14LH thread	1/2×28 UNEF thread	Flash hiding and slight muzzle braking

APPLICATIONS / END USERS

Configuration of AK-pattern and pistol-calibre inventories for night operations.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-WA-019 TO LX-WA-021

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Adapters & Maintenance

LX-WA-018, LX-WA-022

Stock interface and field maintenance.



OVERVIEW

A mil-spec buffer-tube adapter that opens selected pistols in the range to AR-pattern stock hardware, and a cleaning kit for AK-compatible firearms chambered in 7.62×39 mm.

KEY FEATURES

- Mil-spec buffer-tube interface
- Fits selected pistols across the 9×19 mm and 7.62×39 mm ranges
- Cleaning kit for 7.62×39 mm firearms
- Field-level maintenance, no armourer tools required

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	TYPE	COMPATIBILITY
LX-WA-018	Mil-Spec Buffer Tube Adapter	Buffer tube adapter, AR-15 type	Selected pistols in the range; confirm per model
LX-WA-022	Cleaning Kit, 7.62×39 mm	Maintenance set	AK-compatible 7.62×39 mm firearms

APPLICATIONS / END USERS

Unit armourers and individual weapon maintenance.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-WA-018, LX-WA-022

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

CAPABILITY PORTFOLIO

06

Ammunition & Ordnance

Aircraft-gun, naval, anti-aircraft and artillery ammunition from 20 mm to 152 mm.

High explosive, armour piercing, tracer, smoke, practice and ceremonial natures, with full ballistic data.



20 mm Ammunition Components & Artillery Cartridge Cases

LX-AM-001, LX-AM-002

Component-level supply from 20 mm to 40 mm.



OVERVIEW

Practice ammunition components in 20 mm for a wide range of aircraft and naval gun systems, supplied as projectiles, tracers and cartridge cases manufactured in plant. Alongside them, a full range of artillery cartridge cases in brass, steel and aluminium from 20 mm to 40 mm.

KEY FEATURES

- Practice natures with and without tracer
- Projectiles, tracers and cases produced in plant
- Cartridge cases in brass, steel and aluminium
- Six calibres from 20 mm to 40 mm
- Component-level supply for reloading and assembly programmes

TECHNICAL SPECIFICATIONS: 20 MM COMPONENTS (LX-AM-001)

PARAMETER	TRAINING WITH TRACER (TP-T)	TRAINING WITHOUT TRACER (TP)
Gun types	M 621, M 61A, M 39, M 50, M61A1, M168, M197, MK 22, US GAU-4, MK 29	As left
Components made in plant	Projectiles, tracer, cartridge cases	Projectiles, cartridge cases
Muzzle velocity	1030 m/s	1030 m/s
Tracer burning time	Min. 2 s	–
Total length	168 mm	168 mm
Cartridge case	102 mm	102 mm
Projectile	86.8 mm	86.8 mm
Total weight	0.262 kg	0.260 kg
Case with propelling charge	0.103 kg	0.101 kg
Projectile	0.159 kg	0.159 kg

TECHNICAL SPECIFICATIONS: CARTRIDGE CASES, 20–40 MM (LX-AM-002)

CALIBRE	MATERIAL	D (MM)	L (MM)	D (MM)	G (MM)
20 mm	Brass	ø29.59	102	ø19.38	0.71
23 mm	Brass	ø27	115	ø22.25	0.80
23 mm	Steel	ø33.4	151.5	ø22.21	0.75
25 mm	Brass	ø40	219	ø25.4	0.70
25 mm	Steel	ø40	219	ø25.6	0.70
30 mm	Brass	ø46	210	ø29	1.30
30 mm	Steel	ø40 / ø46	165 / 210	ø29.2	1.30
37 mm	Brass	ø52	252	ø36	1.00
37 mm	Steel	ø48.6	265	ø36.6	0.85
40 mm	Aluminium	ø42	74.5	ø39.6	0.60
40 mm	Aluminium	ø44	47	ø39.1	0.60

APPLICATIONS / END USERS

Air forces, naval gun programmes and national ammunition assembly facilities.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-001, LX-AM-002

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

23 mm Aircraft-Gun Ammunition

LX-AM-003 to LX-AM-005

Three natures on one ballistic solution.



OVERVIEW

Armour-piercing incendiary, high-explosive incendiary and practice-tracer natures in 23 mm for twin-barrel aircraft cannon, sharing a common muzzle velocity and chamber pressure so that training and operational natures fly the same ballistic solution.

KEY FEATURES

- Common 720 m/s muzzle velocity across all three natures
- Armour-piercing incendiary with DU-5 charge
- High-explosive incendiary with B-23 fuse
- Practice tracer for live-fire training
- Brass and steel cases available (see LX- AM-002)

TECHNICAL SPECIFICATIONS:

PARAMETER	AP-I (LX-AM-003)	HE-I (LX-AM-004)	PRACTICE TRACER (LX-AM-005)
Type of projectile	Armour piercing incendiary	Explosive incendiary	Tracer for training
Fuse type	–	B-23	Dummy
Muzzle velocity	720 m/s	720 m/s	720 m/s
Average maximum pressure	3000 kgf/cm²	3000 kgf/cm²	3000 kgf/cm²
Propelling charge	4/7 Tgr	4/7 Tgr	4/7 Tgr
Blasting charge	DU-5	AIX-2	–
Tracer burning time	–	–	Min. 4 s
Total length	200.66 mm	200.53 mm	200.53 mm
Cartridge case	115 mm	115 mm	115 mm
Projectile	98.5 mm	102.5 mm	105.8 mm
Total weight	0.331 kg	0.329 kg	0.329 kg
Case with propelling charge	0.157 kg	0.155 kg	0.155 kg
Projectile weight	0.174 kg	0.174 kg	0.174 kg

APPLICATIONS / END USERS

Air forces operating twin-barrel 23 mm aircraft cannon.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-003 TO LX-AM-005

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

30 mm Naval Gun Ammunition

LX-AM-006 to LX-AM-012

Seven natures across two naval gun families.



OVERVIEW

A complete 30 mm naval nature set covering high explosive, high explosive incendiary, high explosive tracer, multi-effect armour-piercing tracer and inert practice rounds, across both close-in weapon system families. Self-destruct timing is specified on every explosive nature.

KEY FEATURES

- Seven natures across two naval gun families
- Self-destruct on all explosive natures
- Multi-effect armour-piercing tracer with piercing core and balls
- Inert practice rounds with and without tracer
- Common case and projectile dimensions within each family

TECHNICAL SPECIFICATIONS: 1050 M/S FAMILY

PARAMETER	HE (LX-AM-006)	HE (LX-AM-007)	TRACER (LX-AM-008)
Fuse type	MD-30	MG-30	–
Maximum range	3500 m	3500 m	3500 m
Muzzle velocity	1050 m/s	1050 m/s	1050 m/s
Average maximum pressure	3100 kgf/cm²	3100 kgf/cm²	3100 kgf/cm²
Propelling charge	6/7 BP gr	6/7 BP gr	6/7 BP gr
Blasting charge	A-IX-2	A-IX-2	–
Self-destruction time	12–18 s	12–17 s	–
Tracer burning time	–	–	Min. 8 s
Total length	304 mm	304 mm	305 mm
Cartridge case	210 mm	210 mm	210 mm
Projectile	131 mm	129 mm	120 mm
Total weight	1.066 kg	1.061 kg	1.061 kg
Case with propelling charge	0.706 kg	0.705 kg	0.704 kg
Projectile weight	0.360 kg	0.356 kg	0.357 kg

TECHNICAL SPECIFICATIONS: 890 M/S FAMILY

PARAMETER	MULTI-EFFECT AP-T (LX-AM-009)	HE-I (LX-AM-010)	HE-T (LX-AM-011)	PRACTICE TP-T / TP (LX-AM-012)
Fuse type	–	FC-30	FC-30	Dummy
Muzzle velocity	890 m/s	890 m/s	890 m/s	890 m/s
Average maximum pressure	3200 kgf/cm²	3200 kgf/cm²	3200 kgf/cm²	3200 kgf/cm²
Propelling charge	6/7 FI-M	6/7 FI-M	6/7 FI-M	6/7 FI-M
Blasting charge	Piercing core and balls	A-IX-2	A-IX-2	–
Self-destruction time	–	11–19 s	11–19 s	–
Tracer burning time	–	–	Min. 10 s	Min. 10 s (TP-T)
Total length	292 mm	292 mm	292 mm	292 mm
Cartridge case	165 mm	165 mm	165 mm	165 mm
Projectile	127 mm	127 mm	127 mm	127 mm
Total weight	0.837 kg	0.837 kg	0.833 kg	0.833 / 0.837 kg
Case with propelling charge	0.447 kg	0.447 kg	0.446 kg	0.446 / 0.447 kg
Projectile weight	0.390 kg	0.390 kg	0.387 kg	0.387 / 0.390 kg

APPLICATIONS / END USERS

Naval forces operating 30 mm close-in weapon systems.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-006 TO LX-AM-012

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

30 mm Anti-Aircraft Ammunition

LX-AM-013, LX-AM-014

Armour-piercing and high-explosive tracer for towed AA.



OVERVIEW

Armour-piercing tracer and high-explosive tracer natures for towed twin 30 mm anti-aircraft guns. The armour-piercing nature is specified with a minimum penetration of 20 mm at 1000 m at 90°, and the high-explosive nature carries a 12–17 second self-destruct.

KEY FEATURES

- Armour-piercing tracer with stated penetration figure
- High-explosive tracer with self-destruct
- Common 1050 m/s muzzle velocity
- 3500 m maximum range
- Tracer on both natures

TECHNICAL SPECIFICATIONS:

PARAMETER	AP-T (LX-AM-013)	HE-T (LX-AM-014)
Type of projectile	Armour piercing tracer	High explosive tracer
Fuse type	–	MG-30
Maximum range	3500 m	3500 m
Muzzle velocity	1050 m/s	1050 m/s
Average maximum pressure	3100 kgf/cm²	3100 kgf/cm²
Propelling charge	6/7 BP gr	6/7 BP gr
Blasting charge	DU-5	A-IX-2
Tracer burning time	Min. 4 s	Min. 9 s
Power of piercing	Min. 20 mm at 1000 m, 90°	–
Self-destruction time	–	12–17 s
Total length	305 mm	305 mm
Cartridge case	210 mm	210 mm
Projectile	135 mm	135 mm
Total weight	1.076 kg	1.076 kg
Case with propelling charge	0.716 kg	0.716 kg
Projectile weight	0.360 kg	0.360 kg

APPLICATIONS / END USERS

Ground-based air defense units operating towed twin 30 mm guns.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-013, LX-AM-014

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

40 mm Grenade Ammunition

LX-AM-015

High-explosive anti-personnel, packed and ready.



OVERVIEW

A 40×47 mm round for under-barrel grenade launchers, in high-explosive anti-personnel and training natures. The explosive nature carries a 5 m splinter-spreading radius and a 13–18 second self-destruct; both natures ship in a specified packing configuration of 60 rounds per wooden case.

KEY FEATURES

- High-explosive anti-personnel and training natures
- Steel grenade body
- 5 m splinter-spreading radius
- Self-destruct at 13–18 seconds
- Complete packing data, 60 rounds per case

TECHNICAL SPECIFICATIONS:

PARAMETER	HIGH EXPLOSIVE (HE-AP)	TRAINING (T)
Total length	108 mm	108 mm
Grenade length	81 mm	81 mm
Total weight	0.275 kg	0.275 kg
Grenade weight	0.200 kg	0.200 kg
Maximum range	400 m	400 m
Muzzle velocity	80 m/s	80 m/s
Grenade body	Steel	Steel
Splinter-spreading radius	5 m	–
Self-destruction time	13–18 s	–
Packing	3 tightened metal boxes in one wooden case	3 tightened metal boxes in one wooden case
Rounds per case	60	60
Case dimensions	780 × 375 × 200 mm	780 × 375 × 200 mm
Gross weight	30 kg	30 kg

APPLICATIONS / END USERS

Infantry units equipped with under-barrel grenade launchers.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-015

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

76 mm Artillery Ammunition

LX-AM-016 to LX-AM-022

Seven natures for mountain and divisional guns.



OVERVIEW

A complete 76 mm family covering armour-piercing tracer, high explosive, hollow-charge anti-armour, practice tracer, smoke and ceremonial blank natures, across mountain and divisional gun applications. Ballistic data differs between the two gun families and is given separately.

KEY FEATURES

- Seven natures across two gun families
- Hollow charge with 80 mm penetration at 100 m, 60°
- Armour-piercing tracer with 60 mm penetration at 100 m, 90°
- Smoke nature with minimum 20 persistence
- Ceremonial blank for saluting batteries

TECHNICAL SPECIFICATIONS: DIVISIONAL GUN NATURES

PARAMETER	AP-T (LX-AM-016)	HE (LX-AM-017)
Fuse type	MD-8	KTM-1-U
Muzzle velocity	680 m/s	680 m/s
Average maximum pressure	2380 kgf/cm²	2380 kgf/cm²
Propelling charge	9/7	9/7
Blasting charge	A-IX-2	TNT
Power of piercing	60 mm at 100 m, 90°	–
Maximum range	4000 m	13 300 m
Total length	642 mm	642 mm
Cartridge case	386 mm	386 mm
Projectile	309 mm	343 mm
Total weight	9.300 kg	9.000 kg
Case with propelling charge	2.800 kg	2.800 kg
Projectile weight	6.500 kg	6.200 kg

TECHNICAL SPECIFICATIONS: MOUNTAIN GUN NATURES

PARAMETER	HEAT-T (LX-AM-018)	HE (LX-AM-019)	PRACTICE TRACER (LX-AM-020)	SMOKE (LX-AM-021)	BLANK (LX-AM-022)
Fuse type	GPV-2R	UP-3 or RGM-2	MD-8	RGM-2	–
Muzzle velocity	410 m/s	398 / 222 m/s	398 / 222 m/s	398 / 222 m/s	–
Average maximum pressure	1900 kgf/cm²	1950 / 490 kgf/cm²	1950 / 490 kgf/cm²	1950 / 490 kgf/cm²	–
Propelling charge	5/7	5/7	5/7	5/7	P-55
Blasting charge	A-IX-2	TNT	A-IX-2	A-IX-2	–
Power of piercing	80 mm at 100 m, 60°	–	–	–	–
Maximum range	1000 m	8600 m	1000 m	8600 m	–
Smoke persistence	–	–	–	Min. 20	–
Total length	725 mm	Non-coupled	Non-coupled	Non-coupled	–
Cartridge case	386 mm	386 mm	386 mm	386 mm	165 mm
Projectile	495 mm	357 mm	390 mm	357 mm	–
Total weight	8.175 kg	8.564 kg	8.470 kg	8.564 kg	1.420 kg
Case with propelling charge	2.110 kg	2.294 kg	2.200 kg	2.294 kg	–
Projectile weight	6.065 kg	6.270 kg	6.270 kg	6.270 kg	–

APPLICATIONS / END USERS

Mountain and divisional artillery units, and ceremonial saluting batteries.

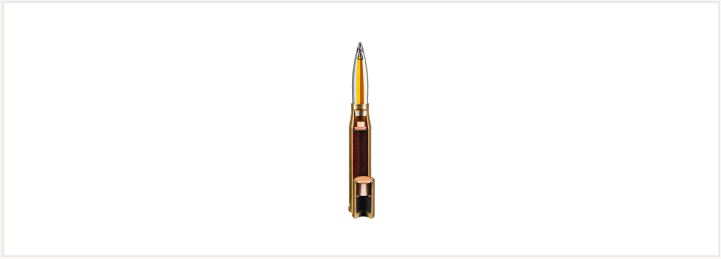
SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-016 TO LX-AM-022

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

100 mm Artillery Ammunition

LX-AM-023 to LX-AM-027

Five natures including fin-stabilised discarding sabot.



OVERVIEW

A 100 mm family for tank, field, anti-aircraft, anti-tank and coastal gun applications, covering armour-piercing tracer, high explosive, hollow charge with slow roll, ceremonial blank and an armour-piercing fin-stabilised discarding sabot tracer nature at 1400 m/s.

KEY FEATURES

- APFSDS-T at 1400 m/s
- Armour-piercing tracer with 150 mm penetration at 1000 m
- Hollow charge with 175 mm penetration at 100 m, 30°
- High explosive to 19 800 m
- Complete packing dimensions on all natures

TECHNICAL SPECIFICATIONS:

PARAMETER	AP-T (LX-AM-023)	HE (LX-AM-024)	HEAT-T (LX-AM-025)	APFSDS-T (LX-AM-026)	BLANK (LX-AM-027)
Fuse type	MD-8M1 or DBR-2	V-429	GPV-2R	–	–
Muzzle velocity	887 m/s	900 m/s	950 m/s	1400 m/s	–
Average maximum pressure	3000 kgf/cm²	3000 kgf/cm²	2300 kgf/cm²	3700 kgf/cm²	–
Propelling charge	NDT3 18/1	NDT3 18/1	14/7 + 18/1 TR	M 30	P 55
Blasting charge	A-IX-2	TNT	A-IX-1	–	–
Power of piercing	150 mm at 1000 m, 90°	–	175 mm at 100 m, 30°	Rupture of homogeneous armour, G = 150 mm, maximum range 250 m, tilt angle 0 = 69.8°	–
Maximum range	4000 m	19 800 m	3000 m	5000 m	–
Total length	992 mm	1095 mm	1094 mm	1060 mm	–
Cartridge case	695 mm	695 mm	695 mm	685 mm	246 mm
Projectile	360 mm	429 mm	632 mm	584 mm	–
Total weight	30.600 kg	30.320 kg	24.100 kg	70 kg	6 kg
Case with propelling charge	14.720 kg	14.720 kg	13.475 kg	–	–
Projectile weight	15.880 kg	15.600 kg	10.625 kg	–	–
Packing	1200 × 445 × 265 mm	1200 × 445 × 265 mm	1200 × 445 × 265 mm	Fibre container in wooden case	1200 × 445 × 265 mm

APPLICATIONS / END USERS

Armoured, anti-tank, field artillery and coastal defense units operating 100 mm guns.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-023 TO LX-AM-027

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Medium & Heavy Artillery Ammunition, 105–152 mm

LX-AM-028 to LX-AM-030

105 mm components, 130 mm to 35 kilometres.



OVERVIEW

High-explosive natures in 130 mm and 152 mm for field guns and howitzers, together with 105 mm high-explosive projectile components supplied for NATO-standard 105 mm gun systems. The 130 mm nature reaches 35 000 m; the 152 mm howitzer nature uses a full-variable charge.

KEY FEATURES

- 130 mm high explosive to 35 000 m
- 152 mm howitzer nature with full-variable charge
- 105 mm projectile components for NATO- standard guns
- TNT filling across all three natures
- Complete component weights stated

TECHNICAL SPECIFICATIONS:

PARAMETER	105 MM COMPONENTS (LX-AM-028)	130 MM HE (LX-AM-029)	152 MM HE (LX-AM-030)
Type of projectile	High explosive	Explosive with base bleed	High explosive
Fuse type	–	ZETA	RGM-2
Muzzle velocity	Max. 683 m/s	930 / 810 m/s	655 / 462 m/s
Average maximum pressure	–	3150 kgf/cm²	2350 / 900 kgf/cm²
Propelling charge type	–	NDT 3-23-1	Full-variable; NDT 3 16/1
Blasting charge	TNT	TNT	TNT
Maximum range	11 000 m	35 000 m	17 000 m
Total length	–	Non-coupled	Non-coupled
Cartridge case	–	846 mm	547 mm
Projectile length	418 mm	676 mm	706 mm
Total weight	–	59 kg	59.280 kg
Case with propelling charge	–	25.6 kg	15.720 kg
Projectile weight	14.3 kg	33.4 kg	43.560 kg

APPLICATIONS / END USERS

Field artillery and howitzer batteries; national assembly programmes for 105 mm natures.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-028 TO LX-AM-030

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Training Countermeasure Flares

LX-AM-031

Aircraft self-protection training, two configurations.



OVERVIEW

Electronic countermeasure flares for aircrew training, in single and twin configurations. Both burn between 1000 °C and 1500 °C, are electrically initiated, and operate across a −46 °C to +71 °C temperature range.

KEY FEATURES

- Two configurations with differing burn and observation distance
- Burn temperature 1000–1500 °C
- Electric initiation at 27 V ±10%
- Operating range −46 °C to +71 °C
- Observation distance to 700 m

TECHNICAL SPECIFICATIONS:

PARAMETER	CONFIGURATION 1×1×8	CONFIGURATION 2×1×8
Ejection velocity	Min. 25 m/s	Min. 20 m/s
Ignition time	Max. 0.5 s	Max. 0.5 s
Burn duration	4–7 s	6–10 s
Burn temperature	1000–1500 °C	1000–1500 °C
Observation distance	Min. 500 m	Min. 700 m
Operating temperature	−46 °C to +71 °C	−46 °C to +71 °C
Calibre	24.60 mm	24.40 × 51.40 mm
Total length	206 mm	206 mm
Pyrotechnic mass	100 g	230 g
Total mass	186 g	420 g
Initiation	Electric	Electric
Command voltage	27 V ±10%	27 V ±10%

APPLICATIONS / END USERS

Air force training establishments and aircrew self-protection training.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-AM-031

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

CAPABILITY PORTFOLIO

07

Personal Protection

Ballistic head, body and limb protection from Level II to Level IV.

Tested to NIJ and STANAG 2920 (V50), with anti-stab and anti-spike options across the range.



Ballistic Helmets, Level III-A

LX-PP-001 to LX-PP-004

Four shells, one accessory and sizing standard.



OVERVIEW

Four ballistic helmet patterns tested to Level III-A ambient: high-cut tactical, PASGT, and two variants of the MICH pattern, one with side Picatinny rails and a front NVG mount. All share a removable EVA padding system, an adjustable nylon suspension and a ratchet sizing knob, and are finished in weather-resistant poly-urea paint.

- Sizing
- Finish: Weather-resistant poly-urea paint
- Colours: Black, ranger, coyote, tan, olive, navy, multicam, urban; fabric covers available
- Certifications: NIJ III-A · STANAG 2920 (V50) · ISO 9001:2015
- Test reports available on request in English and Spanish

KEY FEATURES

- Compatible with audio communication devices, night vision and lighting accessories
- Removable enhanced EVA foam padding
- Adjustable ratchet knob for fine sizing
- Chin cup or double chin strap on every pattern
- Eight standard colours plus fabric helmet covers

TECHNICAL SPECIFICATIONS:

ARTICLE	PATTERN	LEVEL	SIZES	ACCESSORY PROVISION
LX-PP-001	High-cut tactical	III-A ambient	M, L, XL	Side Picatinny rails, front NVG mount
LX-PP-002	PASGT	III-A ambient	M, L, XL	Comprehensive ear protection; boltless version on request
LX-PP-003	MICH (ACH)	III-A ambient	S, M, L, XL	Ear protection, durable interior padding
LX-PP-004	MICH (ACH) tactical	III-A ambient	S, M, L, XL	Two side Picatinny rails, front aluminium NVG mount

SIZING

	S	M	L	XL
Head circumference (cm)	53–57	55–59	57–61	59–63

APPLICATIONS / END USERS

Armed forces, law-enforcement tactical units and protective details.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-001 TO LX-PP-004

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Rifle-Resistant Helmets & Visor

LX-PP-005 to LX-PP-007

Rifle protection at 2.0 kilograms.



OVERVIEW

Head protection tested against rifle threats. The MICH-style helmet resists one shot of 7.62×51 mm M80 FMJ at 2.0 kg in size L, with a 12.5 mm shell and no requirement for additional covers or plates. The high-cut variant uses a Level III-A base with rifle-resistant front and back covers, and the ceramic-composite visor resists one shot of 7.62 mm FMJ.

- Helmet base: Anti-trauma padding, ratchet-adjustable suspension, quick-release chinstrap
- Communications: The high-cut variant is stated as compatible with communication devices
- Visor fastening: Bolt-free

KEY FEATURES

- Rifle protection without add-on plates on the MICH-style shell
- 2.0 kg in size L, 12.5 mm shell thickness
- High-cut variant accepts removable rifle-resistant covers
- Ceramic composite visor in full or Spartan cut
- Bolt-free visor fastening system

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	THREAT TESTED	WEIGHT / CONSTRUCTION	SIZES
LX-PP-005	Rifle-resistant helmet, MICH style	1 shot 7.62×51 mm (149 g) M80 FMJ	2.0 kg (size L); shell 12.5 mm	M, L, XL
LX-PP-006	Rifle-resistant helmet, high-cut style	Base NIJ III-A ambient; each cover 1 shot 7.62×51 M80 or 5.56×45 M193 (NIJ III ambient)	High-cut base with front and back covers	M/L, L/XL
LX-PP-007	Rifle-resistant ballistic visor	1 shot 7.62 mm FMJ	Advanced ceramic composite; full cut or Spartan cut	–

APPLICATIONS / END USERS

Assault elements, explosive ordnance disposal teams and elite law-enforcement units.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-005 TO LX-PP-007

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Helmet Visors & Ballistic Face Protection

LX-PP-008 to LX-PP-013

Clamp or rail, ballistic or anti-impact.



OVERVIEW

Face protection in two mounting standards and two threat classes. Ballistic visors tested to Level III-A and non-ballistic riot visors are each available in a clamp model that fits PASGT and MICH shells and a Picatinny side-rail model for high-cut and rail-equipped helmets. Two ballistic face masks complete the range.

KEY FEATURES

- Clamp models fit PASGT and MICH shells, including equivalent brands
- Rail models slide directly into helmet side rails
- Ballistic and non-ballistic anti-impact classes
- Full-face and half-face ballistic masks
- Custom dimensions available on riot visors

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	CLASS	MOUNTING
LX-PP-008	Ballistic visor, clamp model	III-A ambient	Under-helmet clamp with adjustable hardened slide; PASGT and MICH shells
LX-PP-009	Ballistic visor, rail model	III-A ambient	Picatinny side-rail adapters; high-cut and rail-equipped MICH
LX-PP-010	Riot visor, clamp model	Non-ballistic, anti-impact	Under-helmet clamp; PASGT and MICH shells; custom dimensions available
LX-PP-011	Riot visor, rail model	Non-ballistic, anti-impact	Picatinny side rails; custom dimensions available
LX-PP-012	Ballistic face mask, full face	III-A ambient	Adjustable suspension; two eye slits; worn without a helmet
LX-PP-013	Ballistic face mask, half face	III-A ambient	Adjustable suspension; two eye slits; worn with ballistic helmets

APPLICATIONS / END USERS

Public-order units, tactical entry teams and protective details.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-008 TO LX-PP-013

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Non-Ballistic Bump Helmets & Headset Systems

LX-PP-014 to LX-PP-017

Tactical operations without ballistic weight.



OVERVIEW

Polycarbonate bump helmets for non-ballistic operations, in classic and tactical patterns, the latter carrying two side Picatinny rails and a front NVG mount so that tactical accessories can be run without the weight of a ballistic shell. A push-to-talk headset and rail adapters complete the communications fit.

KEY FEATURES

- Strong polycarbonate shell, universal size
- Tactical pattern carries rails and NVG mount
- PTT headset maintains 360° environmental hearing
- Five selectable sound modes on the headset
- Rail adapters allow earphones to be stowed without removal

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	CONSTRUCTION	SIZE	NOTES
LX-PP-014	Classic anti-impact bump helmet	Polycarbonate, non-ballistic	Universal	Anti-shock comfort pads, rubber chin cup, quick-release buckle
LX-PP-015	Tactical anti-impact bump helmet	Polycarbonate, non-ballistic	Universal	Two side Picatinny rails, front NVG mount, ratchet knob
LX-PP-016	Tactical PTT headset	–	–	Hands-free, 360° hearing; detachable mic either side; two additional directional mics front and back; windproof; five sound modes; multiple radio adapters
LX-PP-017	ARC rail adapters	–	–	Attach PTT earphones to helmet side rails; rotary mount allows earphones to be uncovered and stowed; multiple colours

APPLICATIONS / END USERS

Training, rehearsal, vehicle crews and non-ballistic tactical operations.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-014 TO LX-PP-017

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Bullet-Resistant Vests, Level III-A

LX-PP-018 to LX-PP-023

Six cuts, one threat standard, XS to 5XL.



OVERVIEW

Six vest patterns tested to Level III-A ambient, covering overt patrol, full MOLLE, tactical, female-specific, full 360° tactical and concealable inner wear. All carry front and back external pockets for hard armour plates, and all are available in Level II or Level III-A with anti-stab and anti-spike options.

- Protection levels: All patterns available in Level II or Level III-A
- Additional protection: Anti-stab (1 and 2) and anti-spike (1, 2 or 3) available for each vest
- Hard armour plates: Available separately (LX-PP-035 to LX-PP-041)
- Ballistic panels: Thermo-sealed within the panel wrappers against liquid and humidity ingress
- Certifications: NIJ III-A · STANAG 2920 (V50) · ISO 9001:2015

KEY FEATURES

- Front and back external pockets for hard armour plates on every pattern
- Female pattern with dedicated chest shaping and wide side cut
- 360° pattern protects shoulders, upper arm, neck and groin
- Concealable pattern in soft cotton for under-shirt wear
- Badge and patch customisation across the range

TECHNICAL SPECIFICATIONS:

ARTICLE	PATTERN	LEVEL	SIZES	DISTINGUISHING FEATURE
LX-PP-018	Classic bullet-resistant vest	III-A ambient	XS–5XL	Nylon and polyester, jet black; adjusts at shoulders and waist; fits male and female
LX-PP-019	Full MOLLE vest	III-A ambient	XS–5XL	MOLLE on front, back and sides; flexible and lightweight for patrol
LX-PP-020	Tactical MOLLE vest	III-A ambient	XS–5XL	Hidden external cummerbund; MOLLE front, back and sides
LX-PP-021	Female vest	III-A ambient	XS–5XL	Shaped chest area and wide side cut
LX-PP-022	High tactical 360 vest	III-A ambient	M, L, XL	Front, back, sides, shoulders, upper arm, neck and groin protection
LX-PP-023	Concealable inner vest	III-A ambient	XS–5XL	Soft cotton, worn under the shirt; black or white

APPLICATIONS / END USERS

Police patrol, military police, corrections and protective details.

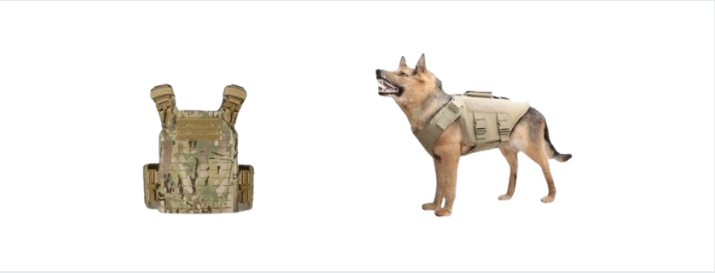
SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-018 TO LX-PP-023

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Specialist Ballistic Carriers

LX-PP-024 to LX-PP-027

Covert, maritime, modular and canine.



OVERVIEW

Four carriers outside the standard vest range: an ultra-thin ballistic t-shirt for covert wear, a flotation vest rated for 24 hours in water, a quick-release tactical plate carrier, and a ballistic vest for working dogs.

KEY FEATURES

- Ballistic t-shirt in extra-soft neoprene with side zipper
- Flotation vest buoyant to 150 N for a 100 kg wearer
- Plate carrier with laser-cut MOLLE and quick-release system
- Canine vest in two sizes with adjustable straps
- Mesh carrier option for hot-climate operations

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	LEVEL	SIZES	NOTES
LX-PP-024	Inner ballistic t-shirt	III-A ambient	XS–5XL	Extra-thin panels; extra-soft flexible neoprene; mesh fabric option for hot climates; side zipper; black or white
LX-PP-025	Buoyant flotation vest	III-A ambient	Universal	Up to 24 h flotation; front, back, neck and shoulder protection; wrap-around belt with adjustable shoulder and side straps
LX-PP-026	Tactical plate carrier	Carrier only	Universal	Laser-cut MOLLE front and back; quick-release system; fits 10 × 12 in hard plates; inner pockets for III-A soft panels
LX-PP-027	Canine ballistic vest	III-A ambient	Standard, large	Velcro strips for patches; adjustable straps; multiple colours

APPLICATIONS / END USERS

Close protection, naval and coastguard boarding teams, tactical entry and canine units.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-024 TO LX-PP-027

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Responder Body Armour

LX-PP-028 to LX-PP-033

Identified at a glance, protected to III-A.



OVERVIEW

Body armour for emergency medical and fire responders operating in dangerous areas, in two colour-coded sets. Each set comprises a high-visibility ballistic vest, a plate carrier and a MICH-pattern ballistic helmet, with identifying lettering front and back so that responders are distinguishable at distance.

KEY FEATURES

- Colour-coded sets with identifying Velcro patches front and back
- High-visibility yellow with reflective grey band on the medical vest
- Utility, equipment and radio pouches integrated
- Plate carriers accept Level III, III+ or IV hard plates
- Custom lettering available in place of standard markings

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	LEVEL	NOTES
LX-PP-028	Medical responder high-visibility ballistic vest	III-A ambient / HG2	High-visibility yellow with reflective grey band; 1 over-sized utility/medical pouch, 1 long pouch, 1 radio pouch with Velcro closure; anti-stab and anti-spike available on request
LX-PP-029	Medical responder plate carrier	Carrier only	Navy blue; holds Level III, III+ or IV hard plates, shooters cut only; III-A soft panels available
LX-PP-030	Medical responder ballistic helmet	III-A ambient · STANAG 2920 (V50)	MICH style, navy blue; optional side rails and front mount; ratchet knob available
LX-PP-031	Fire responder ballistic vest	III-A ambient / HG2	Bright red; 2 over-sized utility pouches, 2 long pouches, 2 shoulder radio loops; anti-stab and anti-spike available on request
LX-PP-032	Fire responder plate carrier	Carrier only	Bright red; holds Level III, III+ or IV hard plates, shooters cut only
LX-PP-033	Fire responder ballistic helmet	III-A ambient · STANAG 2920 (V50)	MICH style, red; optional side rails and front mount

APPLICATIONS / END USERS

Military and civil emergency medical services, fire services and disaster-response units operating in hostile environments.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-028 TO LX-PP-033

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Ballistic Plate Inserts, Level II to Level IV

LX-PP-034 to LX-PP-041

Every grade, weighed and threat-stated.



OVERVIEW

Soft ballistic panels in Level II and Level III-A, and hard armour plates from Level III to Level IV in in-conjunction-with and stand-alone configurations, each with a stated weight by cut and the rifle threat it is tested against. Hard plates are available single-curve or multi-curve, and side plates are offered in Level III or Level IV.

- Geometry: Hard plates available in single curve or multi curve
- Panel construction: Lightweight tightly-compressed ballistic fibres, thermo-sealed within the panel wrappers
- Backface signature: Panels tested to yield a low backface deformation signature

KEY FEATURES

- Weight stated for every grade in both cuts
- Threat tested stated for every hard plate grade
- In-conjunction-with and stand-alone configurations
- Single-curve or multi-curve geometry
- Anti-stab and anti-spike add-on available on soft panels

TECHNICAL SPECIFICATIONS: SOFT BALLISTIC PANELS

ARTICLE	GRADE	AVAILABLE CUTS	ADD-ON PROTECTION
LX-PP-034	Level II soft armour panel	Shooters cut, rectangle cut, custom size	Anti-stab or anti-spike available
LX-PP-035	Level III-A soft armour panel	Shooters cut, rectangle cut, custom size	Anti-stab or anti-spike available

TECHNICAL SPECIFICATIONS: HARD ARMOUR PLATES

ARTICLE	GRADE	WEIGHT, SHOOTERS CUT	WEIGHT, RECTANGLE CUT	THREAT TESTED
LX-PP-036	Level III (ICW)	1.4 kg	1.45 kg	7.62 mm NATO FMJ (M80)
LX-PP-037	Level III (stand alone)	1.77 kg	1.88 kg	5.56 × 45 mm (M193)
LX-PP-038	Level III+ enhanced	1.89 kg	1.95 kg	7.62 × 39 mm AP
LX-PP-039	Level IV (ICW)	2.35 kg	2.45 kg	5.56 × 45 mm (M855), 30.06 M2 AP
LX-PP-040	Level IV (stand alone)	2.60 kg	2.65 kg	5.56 × 45 mm (M855), 30.06 M2 AP
LX-PP-041	Side hard armour plates	–	–	Level III or IV; stand-alone or ICW

APPLICATIONS / END USERS

All armed and law-enforcement users of plate carriers and hard-armour-capable vests.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-034 TO LX-PP-041

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Supplementary & Portable Ballistic Protection

LX-PP-042 to LX-PP-048

Protection that is carried, not worn.



OVERVIEW

Limb and neck accessories that extend vest coverage, and four portable protective items: a bomb suppression blanket rated against up to 70 g of TNT, a single-carry ballistic blanket, a ballistic briefcase for executive protection, and ballistic backpack inserts in two sizes.

KEY FEATURES

- Bomb suppression blanket with one or two securing safety circles
- Ballistic blanket carried single-handed, with handles on a nylon carrier
- Briefcase with optional concealed handgun holster
- Backpack inserts ultra-sonically sealed against liquid ingress
- Neck, upper arm and groin accessories in Level II and III-A

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	LEVEL	NOTES
LX-PP-042	Neck protection	Level II or III-A	Attaches to vest
LX-PP-043	Upper arm protection	Level II or III-A	Attaches to vest
LX-PP-044	Groin protection	Level II or III-A	Attaches to vest
LX-PP-045	Bomb suppression blanket	NIJ III-A · STANAG 2920 fragmentation (MIL-STD-662F)	Resists up to 70 g of TNT; one or two safety circles to secure the blanket over a suspicious package; standard or large; custom sizes and colours available
LX-PP-046	Ballistic blanket	III-A ambient	Single-carry soft ballistic shield; small, medium, large or custom; black nylon carrier with handles
LX-PP-047	Ballistic briefcase	III-A ambient	Covers a person during a firearms threat; nylon or leather shell; optional concealed handgun holster; one standard size
LX-PP-048	Ballistic backpack inserts	III-A ambient	Rounded cut for insertion into backpacks; ultra-sonically sealed; standard (child) and large (teenager) sizes; custom sizes available

APPLICATIONS / END USERS

Explosive ordnance disposal, executive protection, school and public-building security programmes.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-042 TO LX-PP-048

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Ballistic Shields, Level III-A to Level IV

LX-PP-049 to LX-PP-054

Four geometries, three threat levels, two accessories.



OVERVIEW

Hand-carried ballistic shields in four geometries (classic with viewport, shooters cut with weapon ports, a lightweight SWAT pattern and a foldable pattern with movable wings), available from Level III-A to Level IV. A shield-mounted tactical light and a transport trolley for heavier shields complete the range.

- Certifications: NIJ III-A · NIJ III · NIJ IV · ISO 9001:2015
- Customisation: Custom shield sizes and builds; custom decals and wording on the shield front

KEY FEATURES

- Ambidextrous handle options available on all shields
- Ballistic viewport on classic and shooters-cut patterns
- Shooter ports on the top two sides of the shooters-cut pattern
- Foldable pattern's wings open for cover or close for entry
- Custom sizes, builds, decals and wording available

TECHNICAL SPECIFICATIONS:

ARTICLE	PATTERN	LEVELS	SIZE	NOTES
LX-PP-049	Classic ballistic shield	III-A, III, IV	Standard 90 × 50 cm; jumbo 120 × 60 cm	With or without ballistic viewport; dynamic handle and arm rope; compatible with tactical light
LX-PP-050	Shooters cut ballistic shield	III-A, III, IV	80 × 50 cm	Shooter ports on top two sides; ballistic viewport; dynamic handle and arm rope
LX-PP-051	SWAT ballistic shield	III-A	76 × 52 cm	Extremely lightweight; carried in one hand; durable handle and arm strap
LX-PP-052	Foldable expandible ballistic shield	III-A, III	80 × 74 cm	Movable wings open or close; firearm can rest on the central shooting port
LX-PP-053	Tactical light	–	–	Attaches to shield front; USB charger and lithium-ion battery; multiple brightness levels with switch
LX-PP-054	Ballistic shield trolley	–	–	For transport and storage of Level III or IV shields

APPLICATIONS / END USERS

Tactical entry teams, hostage rescue units, high-risk warrant service and static protection.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-049 TO LX-PP-054

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Ballistic Eyewear

LX-PP-055 to LX-PP-057

Four lens tints, one fragmentation standard.



OVERVIEW

Ballistic goggles in three frame patterns, manufactured with polycarbonate and TPU lenses treated against wind, scratching and fogging. Lenses are produced in clear, yellow, grey and black, and the majority of the range complies with ANSI fragmentation standards.

- Lens treatment: Anti-wind, anti-scratch, anti-fog
- Standards: The majority of the range complies with ANSI fragmentation standards
- Supply options: Sold individually or in kits comprising goggle case, cleaning cloth, extra lenses, carrying bag and hard case

KEY FEATURES

- Anti-wind, anti-scratch and anti-fog lens treatment
- Four lens tints across the range
- Replaceable high-definition ballistic lens
- Over-sized viewing capability
- Durable elastic adjustable straps

TECHNICAL SPECIFICATIONS:

ARTICLE	PATTERN	LENS MATERIAL	LENS TINTS
LX-PP-055	Ballistic goggles, pattern 1	Polycarbonate and TPU	Clear, yellow, grey, black
LX-PP-056	Ballistic goggles, pattern 2	Polycarbonate and TPU	Clear, yellow, grey, black
LX-PP-057	Ballistic goggles, pattern 3	Polycarbonate and TPU	Clear, yellow, grey, black

APPLICATIONS / END USERS

All dismounted personnel; issued alongside helmet and body armour.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-055 TO LX-PP-057

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Tactical Uniforms

LX-PP-058

Eighty-two patterns, seven treatments, made to order.



OVERVIEW

Custom-manufactured tactical uniforms in durable polyester and cotton, produced in more than 82 colours and designs. Fabric composition, weight, weave, thread count and finishing treatments are specified per order, including UV, water-resistant and anti-mosquito treatments.

KEY FEATURES

- More than 82 colours and camouflage designs
- Twill or ripstop weave to order
- UV, water-resistant and anti-mosquito treatments available
- Six fabric families available
- Manufactured to customer specification

TECHNICAL SPECIFICATIONS

- Base composition: Polyester and cotton
- Treatments: UV treatment, water-resistant treatment, anti-mosquito treatment
- Patterns: 82+ colours and designs, including temperate, desert and digital families
- Weave options: Twill, ripstop
- Specifiable parameters: Weight (GSM), fabric composition, thread count
- Fabric options: Cotton, polyester, nylon, wool, leather, acrylic
- Certification: ISO 9001:2015
- Supply: Wholesale only

APPLICATIONS / END USERS

National armed forces, gendarmerie and law-enforcement uniform programmes.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-058

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Tactical Footwear

LX-PP-059 to LX-PP-064

Patrol, combat, desert and parade, one construction standard.



OVERVIEW

Six footwear patterns covering patrol, combat, desert and parade duty, built to a common construction standard: cold-cement construction, polishable leather and oxford fabric uppers, a steel shank, a high-performance removable EVA insole and a slip-and oil-resistant rubber outsole.

- Construction: Cold cement
- Upper: Polishable leather and oxford fabric, to uniform code, flexible and durable
- Collar: Padded
- Lacing: Rust-proof metallic eyelets, durable thread
- Shank: Steel, for lateral support and stability
- Insole: High-performance EVA, removable, superior cushioning
- Midsole: Compression-moulded EVA, shock absorbing, lightweight and flexible
- Outsole: Slip-and oil-resistant rubber, rugged, high traction
- Toe and heel: Reinforced with a special plastic board to retain shape and protect the foot
- Side zipper: Heavy-duty with closure, where fitted
- Supply: Wholesale and bulk orders only

KEY FEATURES

- Cold-cement construction across the range
- Steel shank for lateral support and stability
- Removable high-performance EVA insole
- Compression-moulded shock-absorbing EVA midsole
- Slip-and oil-resistant rugged rubber outsole

TECHNICAL SPECIFICATIONS:

ARTICLE	PATTERN	NOTES
LX-PP-059	Officer parade shoe	Polished finish; male or female models
LX-PP-060	Tactical patrol boot	Standard patrol duty
LX-PP-061	Tactical desert boot	Desert environments
LX-PP-062	Tactical combat boot	Available with or without side zipper
LX-PP-063	Tactical desert boot, enhanced	Enhanced desert specification
LX-PP-064	Short-cut tactical boot	Reduced-height pattern

APPLICATIONS / END USERS

Armed forces, police and gendarmerie footwear programmes.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PP-059 TO LX-PP-064

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

CAPABILITY PORTFOLIO

08

Public Order & Law Enforcement

Crowd-control protection, restraints, impact weapons and respiratory protection.

Including mounted-unit equipment and maritime flotation gear.



Riot Helmets

LX-PO-001 to LX-PO-004

Four patterns, five colours, custom inscriptions.



OVERVIEW

Four riot helmet patterns tested to NIJ 0104.02 anti-impact, ranging from a classic pattern to a variant with an integrated steel face cage and two bubble-visor patterns offering additional face space. All are finished in weather-resistant poly-urea paint and can be customised in colour and inscription.

- Finish: Weather-resistant poly-urea paint
- Colours: Black, green, red, blue, orange; custom colours available
- Customisation: Custom helmet colours and inscriptions
- Certifications: NIJ 0104.02 Anti-Impact · ISO 9001:2015
- Test reports available on request in English and Spanish

KEY FEATURES

- Integrated steel face cage available for extra impact protection
- Bubble visor patterns provide additional face space
- Adjustable inner headband on cage and bubble patterns
- Five standard colours with custom colours available
- Custom helmet inscriptions available

TECHNICAL SPECIFICATIONS:

ARTICLE	PATTERN	SIZES	DISTINGUISHING FEATURE
LX-PO-001	Standard riot helmet	M, L, XL	Long-service classic pattern, designed to resist and withstand the toughest riot threats
LX-PO-002	Riot helmet with steel face cage	Universal	Integrated steel face cage for extra impact protection; adjustable inner headband
LX-PO-003	Mini-bubble riot helmet	Universal	Smaller than the standard bubble pattern, for operations requiring enhanced mobility; adjustable inner headband
LX-PO-004	Bubble riot helmet	Universal	Bubble face visor allowing additional space for the user's face; adjustable inner headband

APPLICATIONS / END USERS

Gendarmerie, public-order police, corrections and military police.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-001 TO LX-PO-004

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Riot Shields

LX-PO-005 to LX-PO-008

Rated to 187 joules, and they lock together.



OVERVIEW

Four riot shield geometries: a classic rectangular shield in two sizes, a rubber-bordered shield with a perimeter groove for extra impact protection and shelf life, an interlocking shield that forms a continuous wall, and a round shield for close combat. The bordered and interlocking patterns are rated to resist impacts up to 187 J.

- Markings available: POLICE · SHERIFF · CORRECTIONS · MILITARY POLICE
- Languages: Markings available in foreign languages

KEY FEATURES

- Interlocking pattern creates a continuous shield wall
- Impact resistance stated to 187 J
- Hardened-nylon border with perimeter groove on the bordered pattern
- Ambidextrous handle options on all patterns
- Agency markings available, including in foreign languages

TECHNICAL SPECIFICATIONS:

ARTICLE	PATTERN	SIZES	IMPACT RATING	NOTES
LX-PO-005	Classic riot shield	Standard 90 × 50 cm; jumbo 120 × 60 cm	–	Durable arm handle and forearm rope; ambidextrous and other custom handle options
LX-PO-006	Rubber-bordered riot shield	Standard 90 × 50 cm	Up to 187 J	Hardened-nylon black border for extra impact protection and shelf life; groove around the entire perimeter
LX-PO-007	Interlocking riot shield	S, M, L	Up to 187 J	Forms an interlocking shield wall; strong handle system; extra reinforced polycarbonate
LX-PO-008	Round riot shield	–	–	For close combat; strong polycarbonate; durable handle and arm strap; used one-handed; optional protective rubber border

APPLICATIONS / END USERS

Public-order units, corrections and military police.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-005 TO LX-PO-008

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Full Riot Suits

LX-PO-009, LX-PO-010

Level I or Level II stab, flame retardant against Molotov.



OVERVIEW

Two full riot suits differentiated by stab protection level and sizing. Both are flame retardant against Molotov cocktails and ship with a tactical carry backpack. The Level I suit is supplied in one universal size with full foot protection; the Level II suit is sized S to XXL with 4 mm anti-stab plates and hard leg protection.

KEY FEATURES

- Flame retardant against Molotov cocktails
- Anti-stab tested to NIJ 0115 Level I or Level II
- Anti-spike Level 1, 2 or 3 available on the Level II suit
- Modular shoulder protection preserving arm mobility
- Tactical carry backpack included with both models

TECHNICAL SPECIFICATIONS:

PARAMETER	LEVEL I SUIT (LX-PO-009)	LEVEL II SUIT (LX-PO-010)
Sizes	One size fits all	S, M, L, XL, XXL
Anti-stab	One front and one back anti-stab panel, NIJ 0115 Level I	Front and back anti-stab plates, 4 mm thickness, NIJ 0115 Level II
Anti-spike	–	Level 1, 2 or 3 available
Shoulder protection	Modular, preserving full arm mobility	Included
Groin protection	Flexible groin cover	Hard, with removable groin cup
Leg protection	Included	Durable plastic knee and shin protection with extra interior EVA foam
Foot protection	Hard and durable foot coverings	–
Flame protection	Flame retardant against Molotov cocktails	Anti-flame fabric shell available as an option
Helmet	–	Sold separately
Carry	Tactical carry bag (backpack) included	Tactical carry bag (backpack) included
Optional	Back label	–
Certifications	NIJ Level 1 Anti-Stab · Flame Retardant Test Report · ISO 9001:2015	NIJ Level 2 Anti-Stab · Flame Retardant Test Report · ISO 9001:2015

APPLICATIONS / END USERS

Gendarmerie, riot police, corrections extraction teams and military police.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-009, LX-PO-010

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Mounted Unit Protective Equipment

LX-PO-011 to LX-PO-016

Protects the horse without restricting it.



OVERVIEW

A six-item protective set for police horses in riot-control operations, built on a common three-layer construction (acrylic-coated nylon or leather facing, cross-linked LDPE foam core and a hard HDPE outer shell), that protects against thrown objects, strikes and incendiary threats while preserving the horse's range of motion and field of vision.

- Threats addressed: Thrown objects, frontal attacks, strikes, slashing, incendiary and fire threats
- Design principle: Protection without restricting the horse's range of motion or field of vision

KEY FEATURES

- Three-layer construction across the set
- Preserves range of motion and field of vision
- 30 mm reflective straps on leg guards
- Blanket of 36 HDPE panels covers the torso
- Single-size items adjustable by strap

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	CONSTRUCTION	DIMENSIONS
LX-PO-011	Anti-riot eye visor	3 mm polycarbonate	Universal, one size fits all
LX-PO-012	Anti-riot muzzle protection pad	Three layers: leather underside, cross-linked LDPE foam, HDPE exterior shell	Single size, adjustable with straps
LX-PO-013	Leg guard, front pair	Two acrylic-coated nylon fabric layers enclosing LDPE foam, hard exterior HDPE shell; includes additional knee protection	49 cm long; 30 mm reflective straps
LX-PO-014	Leg guard, rear pair	Two acrylic-coated nylon fabric layers enclosing LDPE foam, hard exterior HDPE shell	32 cm long; 30 mm reflective straps
LX-PO-015	Chest guard	Three moulded plastic pieces (one front, two sides); acrylic-coated nylon exterior and polyester charmeuse interior enclosing cross-linked LDPE foam; HDPE hard outer shell	Front panel 21 × 51 cm; single size, adjustable with straps
LX-PO-016	Protective blanket	36 HDPE panels; lightweight and flexible	Universal; fastens with five 50 mm straps, three under the belly, two around the chest

APPLICATIONS / END USERS

Mounted police and gendarmerie units in public-order operations.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-011 TO LX-PO-016

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Flotation Vests, Ballistic and General

LX-PO-017 to LX-PO-021

Twenty-four hours afloat, with or without ballistic panels.



OVERVIEW

Five flotation vests across two classes. Two are ballistic, tested to Level III-A and integrating high-density flotation foam for up to 24 hours afloat; three are general-purpose non-ballistic Type III personal flotation devices for water patrol and general marine duty.

KEY FEATURES

- Ballistic patterns afloat up to 24 hours
- Buoyancy rated 150 N for a wearer up to 100 kg
- Tactical ballistic pattern in ultra-lightweight UHDPE fibres
- General-purpose patterns in high-visibility orange with reflective strips
- Fabric weight and foam type selectable on general-purpose patterns

TECHNICAL SPECIFICATIONS: BALLISTIC FLOTATION

ARTICLE	PATTERN	LEVEL	SIZES	NOTES
LX- PO-017	Bullet-resistant flotation vest, classic	III-A ambient / HG2	–	Ballistic panels front, back, neck and shoulders; flotation foam front and back; buoyancy 150 N lasting 24 h for a wearer up to 100 kg; front and back hard-plate pockets; adjustable straps and buckles; custom colours
LX- PO-018	Bullet-resistant flotation vest, tactical	III-A ambient	Multiple	Ultra-lightweight UHDPE ballistic fibres; high blast and multi-hit protection for front, back, neck and shoulders against fragment and ballistic threats up to 9 mm or .44 Magnum; high-density polyurethane flotation foam; afloat up to 24 h; water-repellent polyester carrier with pockets and attachments

TECHNICAL SPECIFICATIONS: GENERAL-PURPOSE FLOTATION

ARTICLE	PATTERN	TYPE	SIZES	NOTES
LX-PO-019	General-purpose flotation vest, high visibility	Non-ballistic Type III PFD	Adult universal, adult oversize	Bright orange fabric with reflective shoulder strips; 200D nylon, 210D denser weave option; three cross-chest buckles, large armholes
LX-PO-020	General-purpose flotation vest, adjustable	Non-ballistic Type III PFD	XS–XXL	Four cross-chest buckles; 200D nylon, 210D option; water-resistant neoprene on request; lighter flexible PVC foam or heavier-duty polyethylene foam
LX-PO-021	General-purpose flotation vest, high flexibility	Non-ballistic PFD	XS/S, M/L, XL/XXL	Upper and lower size-adjustment straps each side plus zipper closure; 200D nylon, 210D option; reflective strips on shoulders and pockets

APPLICATIONS / END USERS

Naval and coastguard boarding teams, water patrol, marine police and harbour security.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-017 TO LX-PO-021

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Respiratory Protection

LX-PO-022 to LX-PO-025

Standard 40 mm canisters, eleven agent classes.



OVERVIEW

Three full-face respirators (a twin-canister panoramic mask, a single-canister mask and a two-eyepiece tactical mask available in front-or side-mounted filter configuration), all threaded for standard 40 mm canisters, with an anti-fog treated viewport. The common filter is tested against eleven chemical classes plus riot-control agents.

- Chemicals and gases resisted
- Certification: ISO 9001:2015
- Note: Water-canteen attachment models available on the two-eyepiece tactical respirator

KEY FEATURES

- Standard 40 mm canister thread across the range
- Anti-fog treated viewport on every mask
- Five-or six-point adjustable suspension
- Water-canteen attachment models available on the tactical mask
- Filter tested to ≥40 minutes against cyanogen chloride

TECHNICAL SPECIFICATIONS: MASKS

ARTICLE	PATTERN	VIEWPORT	FILTER PORTS	SUSPENSION	FILTERS INCLUDED
LX-PO-022	Twin-canister full-face respirator	Full-face panoramic	Dual, 40 mm standard thread	6-point adjustable	2
LX-PO-023	Single-canister full-face respirator	Full-face	Single, front facing	5-point adjustable	1
LX-PO-024	Two-eyepiece tactical respirator	Two eye viewports	Front-or side-mounted configuration	6-point	1

TECHNICAL SPECIFICATIONS

AGENT	FORMULA
Hydrocyanic acid and derivatives	HCN
Arsenic hydride	AsH_3
Phosgene	$COCl_2$
Chloropicrin	CCl_3NO_2
Benzene	C_6H_6
Diphosgene	$(CO)_2Cl$
Bromomethane	CH_3Br
Methylarsine dichloride	CH_3AsCl_2
Lewisite	$(ClCH{=}CH)AsCl_2$
Hydrogen phosphate	PH_3
CS and CN gas, pepper spray	–

TECHNICAL SPECIFICATIONS: FILTER (LX-PO-025)

PARAMETER	VALUE
Filter capacity	1 L
Colour	Black
Test gas	Cyanogen chloride
Test concentration	3.0 ± 3.0 mg/l
Breakthrough time	≥40 min

APPLICATIONS / END USERS

Public-order units, CBRN response teams and law-enforcement personnel operating with riot-control agents.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-022 TO LX-PO-025

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Restraints & Handcuffs

LX-PO-026 to LX-PO-034

Heat-treated locks, double-lock, custom chain lengths.



OVERVIEW

A restraint range in carbon steel with anti-rust nickel coating, with heat-treated locks and a double-lock feature to ensure maximum security and prevent tampering. Chain, two-hinge and three-hinge patterns are supplemented by leg cuffs, a combined hand-leg restraint system and disposable nylon cuffs with a dedicated cutter.

- Alternative material: Handcuffs also available in titanium
- Certifications: ISO 9001:2015 · NIJ 0307.01 · NIJ 1001

KEY FEATURES

- Heat-treated locks with double-lock feature
- Carbon steel with anti-rust nickel coating
- Custom chain lengths across the chain patterns
- Titanium construction available on request
- Disposable cuffs available with custom inscriptions

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	CONSTRUCTION	KEYS	NOTES
LX-PO-026	Chain handcuff	Carbon steel, anti-rust nickel	2	Custom chain lengths available
LX-PO-027	Three-hinge handcuff	Carbon steel, anti-rust nickel	2	–
LX-PO-028	Three-hinge handcuff, extra reinforced	Carbon steel, anti-rust nickel	2	Reinforced hinge assembly
LX-PO-029	Two-hinge handcuff	Carbon steel, anti-rust nickel	2	–
LX-PO-030	Transport leg cuff	Carbon steel, anti-rust nickel	2	For restraining prisoners during transport; custom chain lengths
LX-PO-031	Hand-leg cuff connection restraint system	Carbon steel, anti-rust nickel	4 sets	Chain handcuffs connected by a tactical chain to a set of leg cuffs; custom chain lengths on all parts
LX-PO-032	Disposable single-use handcuffs	Hardened nylon, double cuff	–	Black or white; custom inscriptions and logos available
LX-PO-033	Handcuff cutter	–	–	To cut and release disposable cuffs
LX-PO-034	Handcuff pouch	Polyester, nylon or cordura	–	Custom colours and sizes available

APPLICATIONS / END USERS

Police, gendarmerie, corrections and prisoner-transport services.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-026 TO LX-PO-034

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Batons & Holsters

LX-PO-035 to LX-PO-041

Fixed, expandible and tonfa, with carriage.



OVERVIEW

Impact weapons in three families (fixed tonfa and straight batons in polycarbonate, expandible batons in steel and hardened nylon, and expandible tonfa batons in two-and three-tube configurations), with ring-style and carry-case holsters. Expandible batons open with a flick of the wrist, and certain models also offer a push-button function.

- Expandible baton finishes: Black, chrome or copper
- Opening: Flick of the wrist; certain models also available with push-button function
- Fit: Expandible batons fit most standard baton holsters; custom dimensions and lengths available
- Certification: ISO 9001:2015

KEY FEATURES

- Two-tube expandible tonfa for greater striking range and power
- Three-tube expandible tonfa for swifter handling
- Indented anti-sweat arm grip on the tonfa patterns
- Rounded safety tip on expandible batons
- Fits most standard baton holsters

TECHNICAL SPECIFICATIONS:

ARTICLE	ITEM	MATERIAL	LENGTH	NOTES
LX-PO-035	Tonfa baton	Polycarbonate; polypropylene also available	61 cm	Durable textured grip handle; tested for strong impact
LX-PO-036	Straight baton	Durable polycarbonate	66 cm	Padded arm handle and nylon wrist string; custom lengths available
LX-PO-037	Steel expandible baton	Steel	–	Opens with a flick of the wrist; rounded safety tip
LX-PO-038	Hardened nylon expandible baton	Hardened nylon	–	Opens with a flick of the wrist; rounded safety tip
LX-PO-039	Expandible tonfa baton, two-tube	–	–	Longer and heavier: greater striking range and more power; durable handle with indented anti-sweat arm grip
LX-PO-040	Expandible tonfa baton, three-tube	–	–	Shorter and lighter: swifter and more manoeuvrable; designed for close-quarters combat
LX-PO-041	Baton holster, ring style and carry-case style	Polyester, nylon or cordura	–	Multiple colours; hard cases available on the carry-case style

APPLICATIONS / END USERS

Patrol police, public-order units and corrections officers.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-035 TO LX-PO-041

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Duty Accessories & Insignia

LX-PO-042 to LX-PO-049

From beret to badge, made to your specification.



OVERVIEW

Uniform accessories and identification produced to customer specification: berets and field headwear, tactical vests, four belt families, magazine pouches, and a badge and insignia service that can design to requirement or reproduce an existing agency design.

- Certification: ISO 9001:2015
- Supply: Wholesale and bulk orders only

KEY FEATURES

- Badges reproduced from an existing agency design
- Custom metals, colours, shapes and designs on insignia
- Four belt families with customised colours
- Custom pouch styles and dimensions
- Wallet holders and custom pin backings available

TECHNICAL SPECIFICATIONS:

ARTICLE	FAMILY	OPTIONS
LX-PO-042	Military beret series	Multiple colours
LX-PO-043	Military headwear series	Boonie hat, field cap, service cap
LX-PO-044	Tactical vest series	Multiple configurations
LX-PO-045	Combat belt series	Customised colours
LX-PO-046	Rigger belt series	Black, khaki, green
LX-PO-047	Duty belt series	Custom pouches and attachments
LX-PO-048	Magazine pouches and duty accessories	Custom styles and dimensions
LX-PO-049	Badges, pins and badge holders	Custom metals, colours, shapes and designs; custom backings for pins; wallet holders; reproduction from an existing design

APPLICATIONS / END USERS

Uniform and identification programmes for armed forces, police and correctional services.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-PO-042 TO LX-PO-049

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

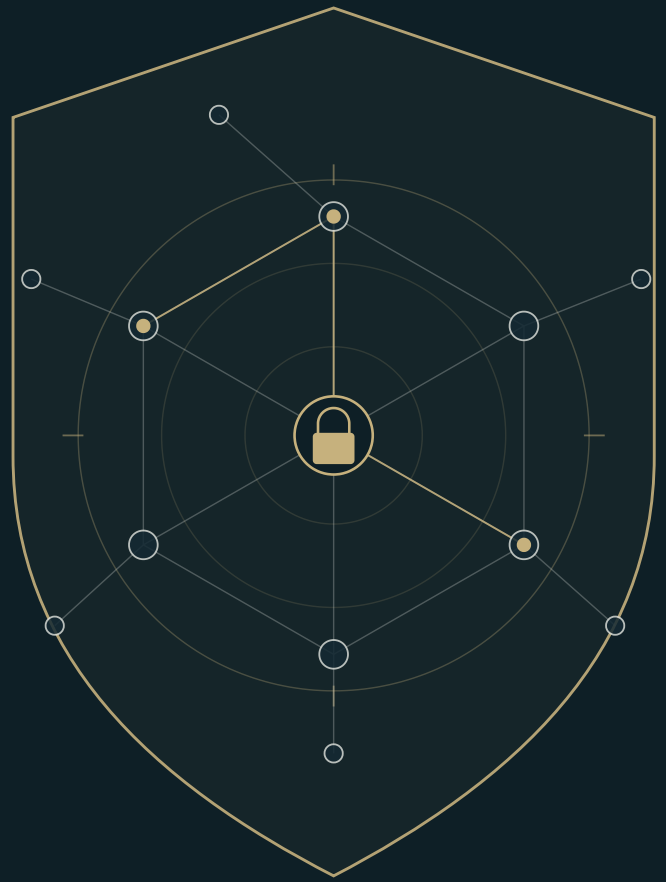
CAPABILITY PORTFOLIO

09

Cyber Defense

Detection, investigation, response and compliance across the network and the endpoint.

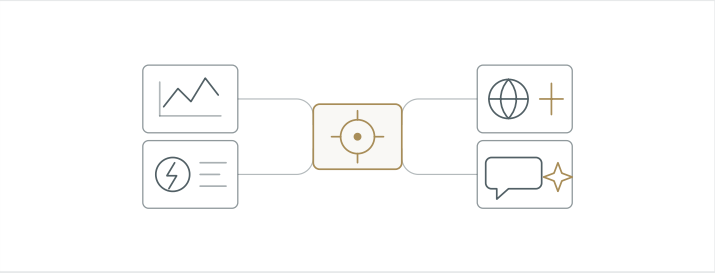
Built for air-gapped and regulated deployment: defense, government and critical infrastructure.



Unified Security Operations Platform

LX-CY-001

Audit evidence as a by-product of daily operations.



OVERVIEW

A single security fabric for detection, investigation, response and compliance, with behavioural analytics rather than static rules at its core. Audit evidence is produced as a by-product of daily operations rather than assembled before each inspection. Four functional modules (security information and event management, automation, threat intelligence and a natural-language assistant), operate as one platform.

KEY FEATURES

- Behavioural detection with more than 400 correlation rules
- 1,230 automated actions across 95+ integrations
- Natural-language querying that explains its own logic
- Live parser editing with no-downtime redeploy
- Compliance journeys for DORA, NIS2, ISO 27001, GDPR, PCI DSS, HIPAA and SOX

TECHNICAL SPECIFICATIONS

- CORE: SECURITY INFORMATION AND EVENT MANAGEMENT
- Collection: High-speed collection, live parser editing, no-downtime redeploy
- Storage: NoSQL or Elasticsearch
- Alerting: Dynamic alert scoring from baseline to 100, with colour-coded severity
- Integrations: 95+
- Playbooks: Graphical, automatic or manual trigger, JavaScript custom logic MODULE: THREAT INTELLIGENCE
- Updates: Continuous
- Analysis: Relationship graph across users, devices and incidents
- Onboarding: Guided workflows to shorten security-operations onboarding
- Frameworks: DORA journey module, NIS2, ISO 27001, GDPR, PCI DSS, HIPAA, SOX
- Fraud: Suspicious transaction and fraud-ring detection
- Detection: User and entity behavioural analytics plus 400+ correlation rules
- Deployment: VMware / Hyper-V / KVM / AWS / Azure / GCP
- Correlation: Multi-source: sequence, absence, timing, regular expressions, thresholds MODULE: AUTOMATION AND RESPONSE
- Automated actions: 1,230
- Logging: Full execution logging: parameters, result, timestamp, user ID
- Feeds: Curated, filtered by industry, geography and technology stack MODULE: ASSISTANT
- Querying: Natural language, no syntax required; explains its own logic COMPLIANCE AND ANTI-FRAUD
- Access-control auditing: Across directory services, human resources and payroll systems

APPLICATIONS / END USERS

Defense ministries, government security operations centres, critical national infrastructure and regulated financial institutions.

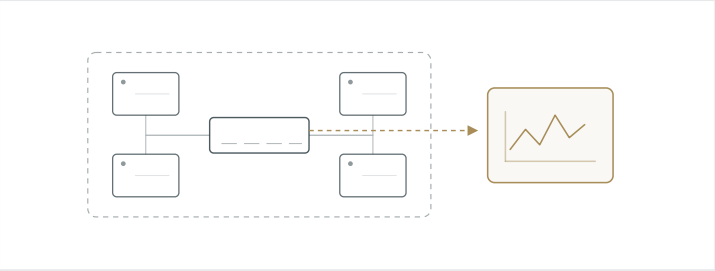
SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-CY-001

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Agentless Network Detection & Response

LX-CY-002

Passive visibility where confidentiality cannot be traded.



OVERVIEW

Passive network visibility built for environments where confidentiality cannot be traded for insight, purpose-built for air-gapped and regulated deployment across defense, government and critical infrastructure. It integrates as a single fabric with the security operations platform, or forwards to any third-party system.

KEY FEATURES

- Fully agentless: no endpoint software required
- Purpose-built for air-gapped deployment
- Machine-learning ensemble voting across three model families
- No hardcoded device or events-per-second limits
- Modular Docker Compose architecture, single-node or distributed

TECHNICAL SPECIFICATIONS

- Capture
- Flow: NetFlow / IPFIX / sFlow
- Scope: Cross-VLAN
- Detection
- Threats: DDoS · TOR · dynamic DNS · crypto-mining · lateral movement (SMB/RDP/WMI) · domain generation algorithms and fast-flux · Heartbleed · invalid SSL · port scanning · SMTP exfiltration
- Architecture and integration
- Architecture: Modular Docker Compose, single-node or distributed
- Scaling: No hardcoded device or events-per-second limits; scales with hardware
- Methods: TAP / SPAN / ERSPAN, physical and virtual
- Packet capture: To 32 KB per session
- Intelligence
- Feeds: STIX/TAXII and MISP indicator-of-compromise feeds
- Rules: Suricata and Snort intrusion detection rules
- Machine learning
- Models: PyOD, Graphomaly and Prophet
- Configuration: JSON-configurable, ensemble voting
- Storage: OpenSearch
- Integration: Syslog, JSON over HTTP(S), Kafka, forwards to Splunk, ELK and QRadar

APPLICATIONS / END USERS

Air-gapped defense networks, government agencies, critical infrastructure operators and regulated industries.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-CY-002

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

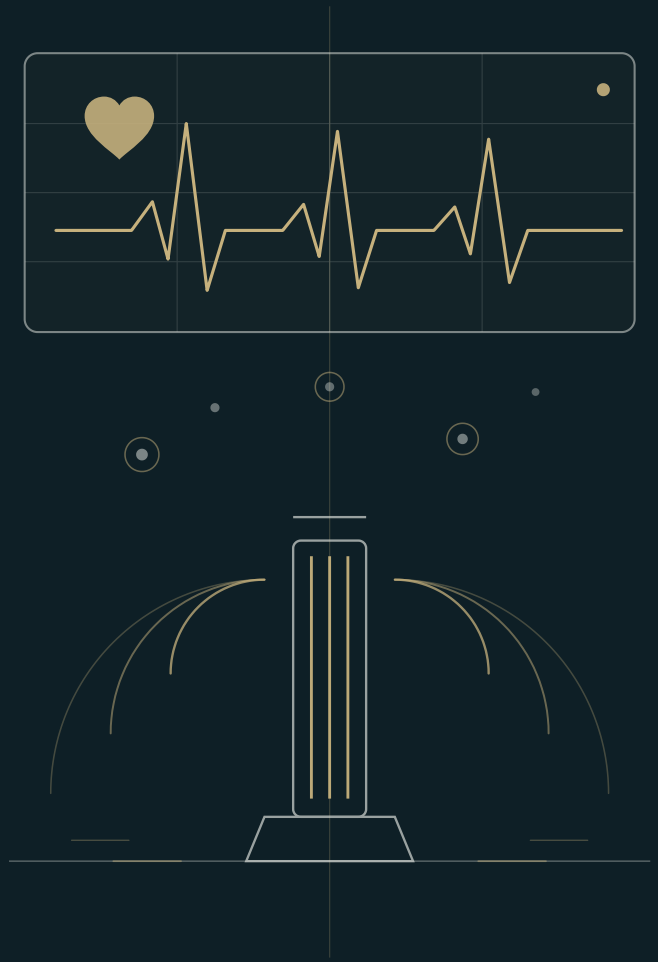
CAPABILITY PORTFOLIO

10

Force Health & Decontamination

Field cardiac and vital-signs monitoring, and UVC decontamination of surfaces and air.

Capabilities that sustain the force between engagements.



Modular Vital-Signs Monitoring Platform

LX-FH-001

One core unit, nine diagnostic functions.



OVERVIEW

A single reusable core unit with hot-swappable, battery-free diagnostic modules, replacing the fragmented kit of patch, Holter, blood-pressure cuff, pulse oximeter, spirometer and weight devices with one platform. Automatic module recognition with authentication means an operator changes function without reconfiguration. Edge processing runs on-device, with Wi-Fi, Bluetooth Low Energy and cellular connectivity, so monitoring continues where clinical infrastructure does not exist.

KEY FEATURES

- Hot-swappable battery-free modules with authenticated recognition
- Nine diagnostic functions from one reusable core
- On-device edge processing with cellular fallback
- Wall docking station with UV-C disinfection for multi-user settings
- Designed for institutional deployment: field hospitals, barracks medical points

TECHNICAL SPECIFICATIONS

- CORE UNIT: SINGLE REUSABLE UNIT: MICROCONTROLLER, DISPLAY, WI-FI AND BLUETOOTH LOW ENERGY, INTEGRATED MULTI-SPECTRUM PHOTOPLETHYSMOGRAPHY SENSOR USABLE AT CHEST, ARM OR WRIST MODULE: SPIROMETRY MODULE: WEIGHT MODULE HANDLING: BATTERY-FREE, AUTOMATIC CONFIGURATION, AUTHENTICATED RECOGNITION
- Processing: On-device edge processing with a generative-AI companion for triage support, adherence monitoring, decompensation alerting and continuous risk trajectory
- MODULE: SPOT RECORDER: ECG, STETHOSCOPE, PULSE OXIMETRY, TEMPERATURE MODULE: 24-HOUR AND 14-DAY ECG PATCH MODULE: 3-, 5- AND 12-LEAD HOLTER MODULE: BLOOD-PRESSURE CUFF MODULE: CHEST STRAP AND ARM BAND MODULE: REMOTE EXAMINATION KIT
- Docking: Wall station with UV-C disinfection, for multi-user institutional settings
- Connectivity: Wi-Fi, Bluetooth Low Energy, cellular

APPLICATIONS / END USERS

Pre-deployment screening, forward casualty monitoring, post-injury rehabilitation tracking and remote monitoring of dispersed or isolated personnel.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-FH-001

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Autonomous UVC Disinfection Robot

LX-FH-002

Maps the room, runs the cycle, logs the evidence.



OVERVIEW

An autonomous UVC disinfection robot for critical environments, combining self-navigation, real-time room mapping and high-power UVC output to deliver fast, fully traceable disinfection cycles. It connects to a manufacturer-agnostic management platform that unifies UVC devices into one layer, automates protocols and generates auditable digital records in real time.

KEY FEATURES

- Self-navigation with real-time room mapping and cycle verification
- 360° motion detection sensors for occupancy safety
- Connects to a manufacturer-agnostic fleet management platform
- Auditable digital records generated in real time
- 2,000 W UVC output

TECHNICAL SPECIFICATIONS

- Configuration: Autonomous mobile robot
- Navigation: Self-navigating with real-time room mapping
- Safety: 360° motion detection sensors
- UVC power: 2,000 W
- Irradiance at 1 m: 6,800 µW/cm²
- Verification: Cycle verification on completion
- Management: Connects to the UVC fleet management platform (LX-FH-005)

APPLICATIONS / END USERS

Field hospitals, military medical facilities, barracks medical points and critical-infrastructure clean areas.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-FH-002

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

High-Output UVC Disinfection Unit

LX-FH-003

Mobile stand, 3,250 watts.



OVERVIEW

The higher-output stationary variant of the surface decontamination range, configured as a mobile stand unit. It delivers 11,050 µW/cm² at one metre from 3,250 W of UVC, and connects to the same manufacturer-agnostic management platform for centralised control, traceability and compliance reporting.

KEY FEATURES

- 11,050 µW/cm² irradiance at one metre
- 3,250 W UVC output
- Mobile stand configuration for rapid repositioning
- Connects to the fleet management platform
- Suited to high-throughput clean areas

TECHNICAL SPECIFICATIONS

- Configuration: Mobile stand unit
- Management: Connects to the UVC fleet management platform (LX-FH-005)
- UVC power: 3,250 W
- Irradiance at 1 m: 11,050 µW/cm²

APPLICATIONS / END USERS

High-throughput decontamination in military medical facilities and critical clean areas.

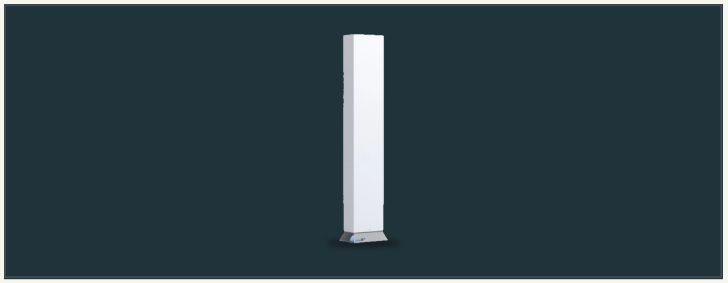
SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-FH-003

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

UVC Air Purification Units

LX-FH-004

Continuous treatment in occupied rooms.



OVERVIEW

Fixed-installation air disinfection units for continuous operation in occupied spaces (wards, waiting areas, offices and shared facilities), where surface robots can only run between occupancy. Both formats connect to the fleet management platform for the same centralised control, traceability and compliance reporting as the mobile units.

- Operation: Continuous air treatment, suitable for occupied rooms
- Integration: Managed through the fleet management platform (LX-FH-005) alongside the autonomous disinfection robot (LX- FH-002) and the high-output unit (LX-FH-003)

KEY FEATURES

- Continuous air treatment, suitable for occupied rooms
- Two formats: slim column and cabinet
- Column format treats 380 m³/h; cabinet format 538 m³/h
- Managed alongside the mobile decontamination fleet through one platform
- Complements surface decontamination, which runs only between occupancy

TECHNICAL SPECIFICATIONS:

PARAMETER	COLUMN FORMAT	CABINET FORMAT
Irradiance at 10 cm	45 mW/cm²	60 mW/cm²
Air throughput	380 m³/h	538 m³/h
Format	Slim column	Cabinet
Operation	Continuous, occupied rooms	Continuous, occupied rooms
Management	Fleet management platform (LX-FH-005)	Fleet management platform (LX-FH-005)

APPLICATIONS / END USERS

Occupied ward, office and shared-facility air treatment in military medical and administrative buildings.

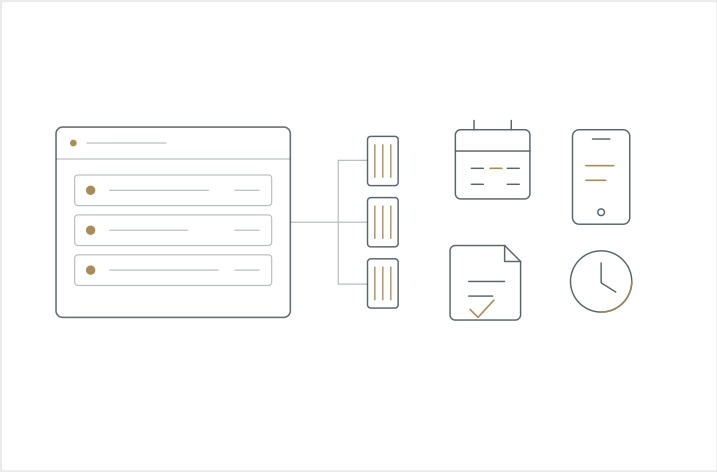
SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-FH-004

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

UVC Fleet Management Platform

LX-FH-005

Any manufacturer's device, one management layer.



OVERVIEW

A manufacturer-agnostic platform that unifies UVC devices into a single management layer, automates disinfection protocols, enforces regulatory compliance and generates auditable digital records in real time. It provides a unified dashboard with per-operator access through a mobile application.

KEY FEATURES

- Manufacturer-agnostic: manages any UVC device
- Unified dashboard across the estate
- Per-operator access through a mobile application
- 100% operational traceability
- Automated protocol and compliance records

TECHNICAL SPECIFICATIONS

- Scope: Centralised management across any manufacturer's UVC devices
- Traceability: 100% operational traceability
- Managed devices: Autonomous disinfection robot (LX- FH-002), high-output unit (LX-FH-003), air purification units (LX-FH-004)
- Interface: Unified dashboard
- Access: Per-operator access via mobile application
- Records: Automated protocol and compliance record generation, in real time

APPLICATIONS / END USERS

Estate-wide decontamination management for military medical services and multi-site facilities.

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026 · REF. LX-FH-005

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Annexe: Current Stock Availability

Held stock offered against immediate enquiry.

The items listed in this annexe are not catalogue products. They are quantities currently available, presented by designation, calibre and quantity only. Technical specifications, lot certification and current condition reports are issued on request, against a specific enquiry, and are subject to confirmation at the point of offer.

Availability is subject to prior sale. All quantities are as held at the date of this edition.

Current stock availability: weapons

Specifications, lot data and condition reports issued on request against a specific enquiry.

#	DESIGNATION	CALIBRE	QUANTITY
1	Service pistol, model 2000	9×19 mm	100
2	Aircraft cannon	23×115 mm	3
3	General-purpose machine gun	7.62×54R mm	200
4	Heavy machine gun	12.7×108 mm	500
5	Heavy machine gun	14.5×114 mm	25
6	Recoilless gun	73 mm	9
7	Rocket-propelled grenade launcher, with optical sight	40 mm	40
8	Mortar	82 mm	62

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Current stock availability: ammunition

Specifications, lot data and condition reports issued on request against a specific enquiry.

#	DESIGNATION	CALIBRE	QUANTITY
9	High-explosive round, impact fuse, for recoilless gun	73 mm	9,000
10	High-explosive mortar round, impact fuse	120 mm	5,000
11	Practice round, lot 2011	23×115 mm	7,000
12	High-explosive incendiary tracer round, naval, lot 2025	30×165 mm	12,200
13	High-explosive incendiary round	20×102 mm	26,000
14	Anti-tank rocket, HEAT	40 mm	1,000
15	Anti-tank rocket, HEAT, improved	40 mm	20,000
16	Ball cartridge, full metal jacket, lead core, lot 2021	7.62×39 mm	100,000
17	Tracer cartridge, lot 2011	7.62×39 mm	164,000
18	Tracer cartridge, lot 2018	7.62×39 mm	20,000
19	Armour-piercing incendiary round, brass case	23 mm	30,492
20	High-explosive tracer round, with safety lock	37 mm	24,500
21	High-explosive round, impact fuse, brass case	57 mm	11,585
22	Armour-piercing tracer round, flat head, brass case	57 mm	553
23	Ammunition components and accessories	57 mm	12,138
24	Fragmentation hand grenade	–	40,000

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

Current stock availability: engineering munitions and demolition stores

Weather modification stores
All items are supplied without ignition primers where so stated. Export licensing, end-user documentation and transport classification are handled case by case. Specifications, lot data and condition reports issued on request against a specific enquiry.

ENGINEERING MUNITIONS & DEMOLITION STORES

#	DESIGNATION	TYPE	QUANTITY
25	Anti-tank mine body, TNT filled, without ignition primer	Engineering munition	2,813
26	River mine body, TNT filled, without ignition primer	Engineering munition	207
27	River mine, without ignition primer	Engineering munition	286
28	Plastic explosive, Composition C-4	Demolition store	2,000 kg
29	Unguided rocket, lot 1988–1990	Rocket	13,926
30	Unguided rocket, variant, lot 1985–1989	Rocket	19

WEATHER MODIFICATION STORES

#	DESIGNATION	TYPE	QUANTITY
31	Anti-hail rocket	Weather modification	4,889
32	Anti-hail rocket, variant	Weather modification	600
33	Anti-hail rocket launcher	Weather modification	50

SOURCE: LUNOX DEFENSE CAPABILITY CATALOGUE, EDITION 2026

ANCEX REG. L 15-478 · LUNOX HR INTERNAȚIONAL S.A.

One partner, one process

1 Enquiry

Send your requirement by product, capability or operational need. Article numbers from this catalogue are sufficient; a capability description is equally workable.

2 Technical clarification

The Defense Division confirms specification, configuration options and available quantities directly with the manufacturer, and returns a consolidated technical response.

3 Request for quotation

A formal quotation follows, covering unit pricing, lead time, packing and delivery terms, from a single commercial counterparty regardless of how many manufacturers the order draws on.

4 Compliance and licensing

Export licensing, end-user documentation and cross-border transport classification are managed as part of the process.

5 Delivery

One contract, one point of contact, one delivery schedule.

PLEASE INCLUDE IN YOUR ENQUIRY

End user and country of destination · quantities · required delivery window · any national standard or qualification the item must meet.

LUNOX INTERNATIONAL HOLDING S.E.

TELEPHONE +40 733 072 960

EMAIL office@lunoxholding.com

WEB www.lunoxholding.com

For requests for quotation, technical clarification and end-user documentation, contact the Defense Division directly at the address above.

DIRECT / TECHNICAL / COMMERCIAL

A NETWORK OF SPECIALIST CAPABILITIES

Integrated through one LUNOX interface.

LUNOX brings together specialised manufacturers, technology developers and capability partners across defense and dual-use domains.

Our role is to structure these individual capabilities into a coherent portfolio and provide the customer with a single technical, commercial, regulatory and logistical interface.

This partner ecosystem allows LUNOX to combine proven products, specialist technologies and programme-specific configurations according to each customer's operational requirements.

ROMARM

ICI®

QOGNIFLY SYSTEMS

ORBOTIX

nextgen

CARDIOMEDIVE
MAKING DIFFERENCE IN LIVES FOR BETTER

wolfe SYSTEMS

NOVA

EDI USA EXECUTIVE DEFENSE INTERNATIONAL

Different specialists. One integrated capability.
One accountable interface.

Partner participation, product configuration and availability may vary by programme and customer requirement.

LUNOX
HOLDING S.E.

We do not manufacture. That is the point.

LUNOX does not carry a factory's interest in a particular answer. The Defense Division's role is to hold a vetted portfolio across multiple manufacturers and match it honestly to what a buyer actually needs, then carry the commercial, regulatory and logistical weight of getting it delivered.

One partner. A broad portfolio. A single point of accountability.

WWW.LUNOXHOLDING.COM

REGULATORY & EXPORT CONTROL NOTICE

Products and capabilities presented in this catalogue may be subject to applicable national, European Union and international export-control, transfer, sanctions, end-use, end-user, transportation and licensing requirements.

Availability in this catalogue does not constitute confirmation that a particular product may lawfully be exported, transferred, imported, acquired or supplied to a specific customer, end user or destination.

Each transaction is subject to prior regulatory review, including product classification, destination and end-user screening, end-use assessment and, where applicable, the issuance of the required licences, authorisations and transport approvals.

Certain products may be restricted or prohibited for particular end users, end uses or destinations. LUNOX will not proceed with a transaction where the applicable legal or regulatory requirements cannot be satisfied.

Military and dual-use items

Certain products in this catalogue may fall within the EU Common Military List, applicable dual-use controls or corresponding national control regimes. Product classification and licensing requirements are determined on a transaction-specific basis and may vary according to configuration, technical characteristics, origin, destination, end user and intended end use.

Export control registration

Confirmare de înregistrare pentru efectuarea de operațiuni cu produse militare

Confirmation of registration for operations involving military products

ISSUING AUTHORITY

Ministerul Afacerilor Externe · Departamentul pentru Controlul Exporturilor
Ministry of Foreign Affairs · Department for Export Control (ANCEX)

REGISTRATION

REGISTRATION CODE	L 15-478
REGISTERED ENTITY	LUNOX HR INTERNAȚIONAL S.A.
REGISTERED OFFICE	municipiul București, strada Moliere nr. 8A, sectorul 1
TRADE REGISTER	J2022019547400
UNIQUE REGISTRATION CODE	42496490
ISSUED	14.05.2026
VALID	14.05.2026 to 13.05.2027

OPERATIONS REGISTERED

- **EXPORT / IMPORT / TRANSFER**
  Export, import and transfer
- **INTERMEDIERE conform art. 5 alin. (1) lit. k) din OUG 158/1999, republicată**
  Intermediation under Article 5(1)(k) of GEO 158/1999, republished

în conformitate cu legile în vigoare · in accordance with the laws in force

LEGAL BASIS

art. 10 alin. (1) din OUG nr. 158/1999 privind regimul exporturilor, importurilor și altor operațiuni cu produse militare, republicată

Article 10(1) of Government Emergency Ordinance no. 158/1999 on the regime of exports, imports and other operations involving military products, republished

În cazul nerespectării prevederilor legale referitoare la regimul exporturilor, importurilor și altor operațiuni cu produse militare, Ministerul Afacerilor Externe își rezervă dreptul, fără o notificare prealabilă, să suspende sau să anuleze înregistrarea.

Should the legal provisions governing the regime of exports, imports and other operations involving military products not be observed, the Ministry of Foreign Affairs reserves the right to suspend or cancel the registration without prior notice.

Access additional language versions

Scan the QR code to access available language versions of the catalogue.

TELEPHONE

+40 733 072 960

EMAIL

office@lunoxholding.com

WEB

www.lunoxholding.com