

Patria SKY

Multi-mission unmanned aerial system - Spot the enemy and deliver the payload to its destination



DEFENCE AND WEAPON SYSTEMS

Patria SKY is a next-generation multi-mission tactical UAV designed for – high-performance security and defence operations. Developed in close cooperation with professional operators, it delivers exceptional reliability, mission flexibility, and operational effectiveness. Optimized for advanced ISR payloads and built on a modular architecture, Patria SKY adapts rapidly to evolving mission needs providing a future-ready aerial advantage when it matters most.

Patria SKY provides a weather-resistant, versatile aerial capability that supports reconnaissance, surveillance, and delivery/drop missions—even in harsh conditions at night. Patria SKY gives professionals what they need the most: reliable performance, autonomy and mission confidence. Developed together with defence operators, Patria SKY delivers situational awareness in demanding, high-stakes environments.

The platform is already in operational use, providing authorities with a high-quality multi-rotor UAS designed for real missions and real conditions. Modular design allows the system to be carried in a small case or a backpack.

Key features

- High quality IP43-rated airframe provides sturdy system for everyday use
- Different payloads can be changed easily at mission site
- Manual operation even in GNSS denied environments
- Automated pre-planned missions for surveillance tasks
- Automated pre-calibration and safety checks for fast deployment
- Highly secure datalink with no connection to other networks unless needed
- Tethered system provides nonstop surveillance capability

Patria SKY platform key specifications

- Empty weight 2.2 kg
- Dimensions 58 x 58 x 37 cm
- Max payload 2,5 kg (5 kg with XL kit)
- MTOW 6.5 kg (9,4 kg with XL kit)



- IP43 rated motors and airframe
- Operating temperature - 32 °C - + 45 °C
- Endurance up to 101 min (empty with special batteries)
- Endurance up to 64 min (empty with standard batteries)
- Controlled operational range +15 km
- Max speed 22 m/s
- 18" x 6.5" carbon fibre propellers with quick locks
- Navigation and IR lights can be turned on and off easily

SkyControl GCS key specifications

- GCS with 7" 750 cd/m² screen providing essential telemetry, map and live video
- Designed to be usable with gloves on
- IP 65 rated
- Designed according to MIL-STD-810G
- All critical flight functions designed for physical
- Battery hot swap

Radio key specifications

- Encryption AES 128/256-bit
- External radio for operation safety or operation from inside vehicle
- Radio frequency lists can be provided to the end user



- IP-based network provides multiple radio options
- Also available with EU unlicensed frequencies
- Transmission power adjustment 100 mW (standard) - 1600 mW
- Range up to 15 km (radio line of sight)
- Video Streaming over network

NextVision Raptor key specifications

- Weight 640 g
- EO resolution 1920 x 1080, Zoom X80 (40X + 2X digital)
- Thermal resolution 1280 x 720, LWIR uncooled, 8X digital zoom
- Object detection and classification
- Static and moving object tracking
- Video recording
- IPX4
- Video STANAG 4609

NextVision DragonEye2 key specifications

- Lightweight, only 115 g
- EO resolution 1280 x 720, zoom X40 (20X + 2Xdigital)
- Thermal resolution 640 x 480, LWIR uncooled, 4X digital zoom
- Object detection and classification
- Static and moving object tracking
- Video recording
- Offering unparalleled long range observation capability
- Optional 3-axis version
- Integrated dropping system option
- PX4
- Video STANAG 4609

Tether stations

- Elistair tether stations offer more options for drone operators who need permanent aerial situational awareness.

SAFE-T 2

- 100 m
- Fiber Optic and radio free datalink
- IP54
- Operating temperature -20 °C - +50 °C

LIGH-T 2

- 70 m
- Operating temperature -10 °C - +40 °C

OPTION – XL Kit for Patria SKY

Patria SKY can be upgraded with XL kit. It provides more payload mass and flight time. XL kit is carried with external Peli case.

- Motor arms and motors
- 22" x 7.0" propellers, no quick locks
- Max payload 5 kg
- Dimensions for XL kit case 82 x 37 x 18,5 cm

SKY with XL Kit

- Dimensions 66 x 66 x 37 cm
- Weight flight ready 4.4 kg
- MTOW 9.4 kg
- Endurance 70 min (standard battery)



System packaging

- Transport cases meet the most demanding quality classifications and standards such as MIL-STD-810F and FED-STD-101C
- IP67
- Flight case outer dimensions 62.5 x 50 x 36.6 cm
- Other options also available

Tactical backpack

- Lightweight and durable
- Dust and splashproof, IP65 rated
- Protects the components from minor impacts
- Dimensions 58 x 57 x 22 cm (without payload)
- Weight: 3,2 kg (empty)

Patria - Extreme conditions embedded.

Patria

When if is not an option.

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