

Puma™ LE

UNIVERSAL GIMBAL KIT



The Puma LE integrated with the Universal Gimbal Kit delivers unmatched mission adaptability in a lightweight, man-portable UAS platform. Designed to meet evolving operational needs, the Universal Gimbal Kit enables rapid field integration of multiple advanced payloads without depot-level support, allowing forces to tailor their Puma LE for diverse mission profiles in minutes.

This modular solution supports a wide range of payloads including electro-optical and infrared sensors, laser designators, transforming Puma LE into a true multi-mission asset. Operators can seamlessly switch payloads to shift from ISR to targeting, ensuring maximum operational flexibility with minimal logistical burden.

One Gimbal — Limitless Payload Options



_Puma LE Specifications

PAYLOADS	Multi-Payload Compatibility
TOTAL PAYLOAD CAPACITY	5.5 lbs (2.5 kg)
WINGSPAN & LENGTH	15.0 ft (4.6 m) 7.3 ft (2.2 m)
AIRCRAFT WEIGHT	23.5 lb in standard configuration 28 lb with HD59 payload
LINK RANGE	20 km Standard GCS; 40 km with ERA 60 km with LRTA
ENDURANCE	6.5 hr in standard configuration 3.5+ hr in max weight configuration with HD59 payload
SPEED	Cruise: 47 km/h, 25 kts, 29 mph Dash: 76 km/h, 41 kts, 47.2 mph
OPERATING ALTITUDE	300-3000 ft (91-914m) AGL, typical Max launch 10k ft (3,048m) MSL Max flight Alt. 10.5K ft (3,200m) DA
ENVIRONMENTAL RATING	All Weather with HD59 (IP 64)

_Key Features

- › Dedicated secondary payload bay with power supply & ethernet communications
- › Enhanced Digital Data Link™ covering more frequencies & supporting AES-256 bit encryption
- › Inaudible at 500 ft (152.4 m)



_Universal Gimbal Specifications

MAXIMUM AIRCRAFT WEIGHT	28 lb (12.7 kg)
MAXIMUM GIMBAL SIZE WEIGHT AND POWER (SWAP)	Gimbal diameter: 5.8 in (14.7 cm) Gimbal Length: 8 in (20.3 cm) Max Gimbal Weight: 4.6 lb (2100 g) Power: up to 90 watts continuous
OPERATING TEMPERATURE	-29 to +50° C
ENVIRONMENTAL RATING	All Weather (IP 64)

_Key Features

- › Field-Replaceable Payloads - swap sensors in minutes without depot support
- › Multi-Payload Compatibility - EO/IR, laser designator, specialty sensors
- › Rapid Reconfiguration – adapt to ISR and targeting missions on demand
- › Rugged and Reliable - Built for harsh environments and sustained operations