

Puma™ Communications Relay



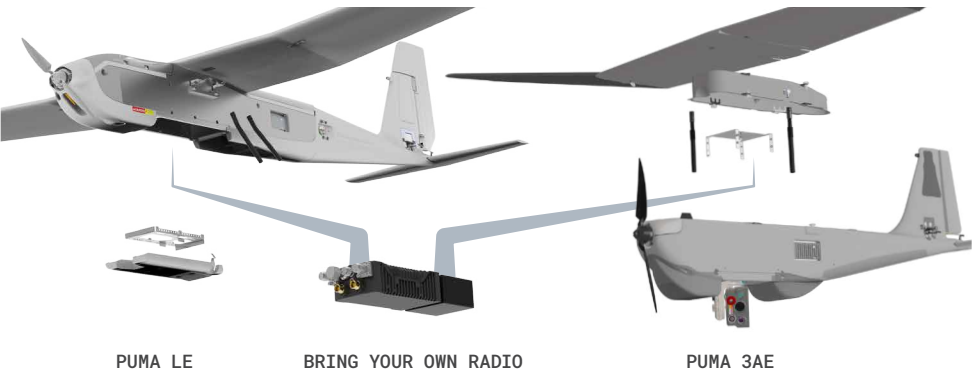
The rapidly deployable Puma Communications Relay Kit combines the class-leading ISR capabilities of Puma 3AE and Puma LE with high data rate throughput, extended range, and scalable mesh network of Commercial-Off-The-Shelf Mobile Ad-Hoc (COTS MANET) radios, such as the Silvus StreamCaster 4200, Persistent Systems MPU5, and DTC SDR-H2 radios. Extend the operational range of your communications networks for distributed manned and unmanned operations.

MANET Node in the Sky

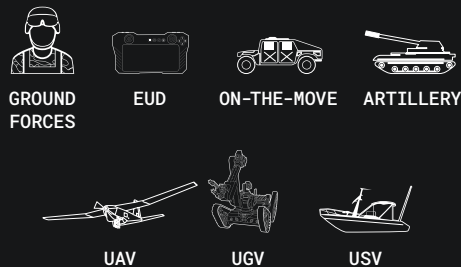
PUMA™ COMMUNICATIONS RELAY

[COMMUNICATIONS RELAY]

TURNKEY INTEGRATION | RAPID DEPLOYMENT¹



[SUPPORT MULTIPLE PLATFORMS]



1. No direct video dissemination from the Puma

_Puma LE Specifications

DIMENSIONS	Wingspan: 15 ft (4.6 m); Length: 7.3 ft (2.2 m) Weight: 23.3 lb (10.6 kg)
LINK RANGE	20 km, 60 km with LRTA
ENDURANCE	6.5 hr with Mantis i45 and PS2500 Battery 5+ hr with Puma Comms Relay Payload, depending on radio and overall configuration
MAX FLIGHT ALTITUDE	10,500 ft (3,200 m) Max. launch 10K ft (3,048 m) MSL
NOMINAL WEIGHT OF COMMS RELAY KIT	Approx. 2.6-3.3 lb, depending on radio and overall configuration
SOFTWARE REQUIREMENTS	Standard Software

_Puma 3AE Specifications

DIMENSIONS	Wingspan: 9.2 ft (2.8 m); Length: 4.6 ft (1.4 m) Weight: 15.4 lb (7 kg)
LINK RANGE	20 km, 60 km with LRTA
ENDURANCE	3 hr with Mantis i45 and PS2500 Battery 2+ hr with Puma Comms Relay Payload, depending on radio and overall configuration
MAX FLIGHT ALTITUDE	10,500 ft (3,200 m) Max. launch 10K ft (3,048 m) MSL
NOMINAL WEIGHT OF COMMS RELAY KIT	Approx. 2.6-3.3 lb, depending on radio and overall configuration
SOFTWARE REQUIREMENTS	Requires Heavy Lift Software

[SUPPORTS VARIOUS MANET RADIO OPTIONS]

