



PUMA-LRF

THERMAL VISION SURVEILLANCE DEVICE

The scout thermal imaging device “Puma-LRF” is designed for artillery spotters, special forces operators and other military units. The device provides passive detection and recognition of objects at a range of up to 5000 meters. Due to the built-in rangefinder, the target ranging accuracy is about 1 meter. In addition, it is possible to detect several multiple targets simultaneously. Puma-LRF has a built-in digital magnetic compass and navigation receiver, which in conjunction with a laser rangefinder allows it to obtain accurate coordinates of the target location.

Type of receiver	α -Si 17 μ m
Spectral sensitivity	8 – 14 μ m
Receiver resolution	640x480
Objective Lens	F1.4/90 mm
Field of view	6.9°x5.2°
Digital magnification	1x – 10x
Micro display	OLED 800x600
Measuring range	5000 m
Rangefinder wavelength	905 nm
Circular control selector	zoom, palettes, menu
Batteries	2x18650 Li-Ion
External interfaces	Wi-Fi, USB, power IN 5V
Operating temperature range	-25°C...+50°C
Protection level	IP (IEC60529) IPX7
Positioning	GPS, GLONASS, GALILEO

