

MERGER LRF XT50

Thermal Imaging Rangefinding Binoculars

**THERMAL
IMAGING**

Technical Specifications

Model	PL77486
Sensor Resolution (px)	1280×1024
Sensor Type	Uncooled ASi
Display Resolution (px)	1280×960
Display Type	AMOLED HD
Sensor NETD (mK)	<40
Pixel Pitch (μm)	12
Objective Lens	F50 / 1.0
Magnification (x)	2-16
Field Of View (°)	17.5
Detection Range (yds)	2500+
Built-in Memory (GB)	64
Battery Type	Dual Li-Ion Internal + APS3 External
Battery Life (hrs)	6
External Power Supply	5V/9V USB-C
Operating Temperature (°F)	-13 - 122°
IP Rating	IPX7
Dimensions (in)	7.75×5.5×2.8
Body Material	Magnesium Alloy
Weight (oz)	33.5



Features

- Premium HD 1280x1024 @ NETD <40 mK thermal imaging sensor
- High-contrast HD AMOLED display
- Comfortable viewing experience
- Precise laser rangefinder with 1600+ yds measuring distance
- Fast aperture F50/1.0 germanium lens
- Detection range up to 2500+ yds
- Two independent batteries. Up to 6 hours of continuous work
- Classic ergonomic binocular design
- Full-featured: video recording, WiFi, Stream Vision 2 app compatibility
- 8 Color palettes
- IPX7 Fully waterproof