



TELOS XL50

Thermal Imaging Monocular

THERMAL
IMAGING

Technical Specifications

Model	PL77516
Display Resolution (px)	1024×768
Display Type	AMOLED HD
Sensor Resolution (px)	1024×768
Sensor Type	Uncooled ASi
Sensor NETD (mK)	<40
Pixel Pitch (μm)	12
Video Output Resolution (px)	1024×768 (.mp4)
Objective Lens	F50 / 1.0
Magnification (x)	2.5 - 20
Field Of View (°)	14×10.5
Detection Range (yds)	2,515
Built-in Photo & Video Recorder	Yes
Built-in Memory (GB)	64
Battery Type	LPS 7i Li-Ion Battery Pack
Battery Life (hrs)	7
External Power Supply	5V, 9V (USB Type-C)
Operating Temperature (°F)	-13 - 104°
IP Rating	IPX7
Dimensions (in)	9.57×2.83×2.44
Weight (oz)	24



Features

- 1024x768 @ NETD < 40 mK high-sensitivity thermal imaging sensor
- Fast aperture F50/1.0 germanium lens
- Detection range up to 2500+ yds
- Up to 7 hours of continuous work
- High-contrast HD AMOLED display
- Full-featured: video recording, WiFi, Stream Vision 2 app compatibility
- 8 Color palettes
- IPX7 Fully waterproof
- Objective ring zoom control
- Customizable user interface

