



# TELOS XP50

Thermal Imaging Monocular

THERMAL  
IMAGING

## Technical Specifications

Model	PL77493
Display Resolution (px)	1024×768
Display Type	AMOLED HD
Sensor Resolution (px)	640×480
Sensor Type	Uncooled ASi
Sensor NETD (mK)	<18
Pixel Pitch (µm)	17
Video Output Resolution (px)	1024×768 (.mp4)
Objective Lens	F50 / 1.0
Magnification (x)	2.5 - 10
Field Of View (°)	12.4×9.3
Detection Range (yds)	1900
Built-in Photo & Video Recorder	Yes
Built-in Memory (GB)	64
Battery Type	LPS 7i Li-Ion Battery Pack
Battery Life (hrs)	8.5
External Power Supply	5V (USB-C)
Operating Temperature (°F)	-13 - 104°
IP Rating	IPX7
Dimensions (in)	9.3×2.8×3.5
Weight (oz)	25.3



## Features

- 640x480 @ NETD < 18 mK high-sensitivity thermal imaging sensor
- Fast aperture F50/1.0 germanium lens
- Detection range up to 1900+ yds
- Up to 8.5 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
- Modular and upgradeable
- Objective ring zoom control
- Customizable user interface

