



TELOS XP50

Thermal Imaging Monocular

THERMAL
IMAGING

Technical Specifications

Model # (SKU)	PL77493
Drop Test Durability:	MIL-STD-810H, 516.8, Procedure IV Compliant
Operating Temperature Range (°C):	-25°C to +50°C
Waterproof IP Rating:	IEC 60529 IPX7 (Fully Waterproof)
Refresh Rate, Hz:	50Hz
Thermal Sensor Type:	Uncooled
Sensor Resolution, Pixels:	640x480
NETD, mK:	<18
Lens Focal Length, mm:	50mm
Microbolometer Pixel Pitch, µm:	17µm
Field Of View (WxH), degree°:	12.4x9.3
Power Source:	LPS 7i Battery Pack (Rechargeable Li-Ion)
External Power Supply, V:	5V (Fast Charging USB Type-C)
Base Magnification, x:	2.5x
Zoom Range, x:	2.5 - 10 (Digital)
Zoom Increments, x:	x1 - x4
WiFi Capability:	Connect smartphones or tablets to Stream Vision 2 App
Digital Recording Capability:	Video, Picture, Sound
Video/Photo Format:	.mp4 / .jpg
Tripod Compatibility:	Can be mounted on a tripod (1/4" socket)
Detection Range, m:	1800m
Recognition Range, m:	>450 m
Battery Life:	Up to 8.5 Hours (single battery charge)
Weight with Battery:	670g
Dimension, mm:	238x72x62 mm



Features

- Objective Lens Ring Zoom Control
- Easily removable battery, No tools required
- 8 Color Palettes
- Frost Resistant AMOLED Display
- Ergonomic, Rubber-Coated Housing
- WiFi remote control and viewing

