

Thermal imaging monocular

TELOS LRF XT50

Thermal imaging monocular with built-in laser rangefinder.

Features

- Premium HD thermal image
- Top of upgradeable line
- Wide field of view for easy scanning
- Precise digital zooming
- Full HD AMOLED screen
- Extreme detection range 2300m
- Electronic image stabilization
- Powerful built-in laser rangefinder
- 128GB internal memory
- Long-life replaceable battery
- Nonslip rubber-coated housing



Technical Specifications

TELOS LRF XT50	
SKU	77524
Frame rate, Hz	50
Microbolometer resolution, pixels	1280×1024
System NETD, mK	<20
Pixel pitch, μm	12
Display type	AMOLED
Display resolution, pixels	1920×1080
Magnification	2x – 16x (with Zoom Boost – 24x)
Objective Lens	50mm / F1.0
Field of View, ° (horizontal)	17.5
Field of View, m @ 100m	30.7
Detection range, m/yd	2300 / 2516
Eye relief, mm/inch	13 / 0.51
Diopter adjustment, dptr.	+4 / -5
Sensitivity amplification levels	Normal / High / Ultra
Calibration	Manual / Auto / Semi-auto
Color palettes	9
Image enhancement	Smoothing filter
Display off	Yes
Automatic Shut-off	Yes
Mobile application	Stream Vision 2 Stream Vision Ballistics
NFC	Yes
Built-in rangefinder	Yes
Measurement range, m/yd	1200 / 1312
Video & photo recorder	Yes
Built-in memory, GB	128
USB, type	USB Type-C
Wi-Fi waveband	2.4Ghz / 5Ghz
Bluetooth	Yes
Battery type	LPS7i
Battery life, hours	8
External power	5V / 9V USB Type-C PD
Operating temperature, °C / °F	-25 – +50 / -13 – 122
Level of protection	IPX7
Dimensions with an eyecup, mm/inch	242×72×77 / 9.5×2.8×3
Weight (with battery, without mount), kg/oz	0.73 / 25.75