



NFC quick pairing

Tap your phone against your device and Stream Vision 2 connects automatically — no manual searching, no Wi-Fi credentials, no setup screens to work through.

Supported by



Wirelessly update software, stream live footage, control settings, and save media to the cloud through your phone.



Pair your device with a smartphone to enable ballistics functions, turn the feature on or off, manage profiles, and select preferred calculator units.



Tripod mount

Integrated tripod thread for steady, fatigue-free observation and pinpoint ranging over long sessions.



Replaceable long-life battery pack

The brand-new LPS 7i quick-change Li-ion battery guarantees more than 7 hours of operating time. LPS 7i doesn't require special chargers – just connect it to any network adapter via the USB Type-C port and charge it using the Power Delivery fast charging protocol in a short time. Moreover, the LPS 7i battery supports wireless charging.

The information in this booklet is subject to change without notice and should not be construed as a commitment by the manufacturer. The manufacturer assumes no responsibility for any errors that may appear in this booklet.

SPECIFICATIONS	Model	TELOS LRF XT50
	SKU	77524
	Thermal sensor, pixels / μm	1280 $\times$ 1024 / 12 μm
	System NETD, mK	< 20
	Thermal objective lens	50 mm / F1.0
	Display	AMOLED, 1920 $\times$ 1080
	Magnification, x	2 – 16 (Zoom Boost – 24)
	Field of view ($^\circ$ / m@100 m)	17.5 $^\circ$ / 30.7 m
	Detection range, m	2300
	Built-in memory, GB	128
	Battery life, h	Up to 8 (LPS7i)
	Rangefinder distance, m	1200
	Dimensions (L $\times$ W $\times$ H), mm	242 $\times$ 72 $\times$ 77
	Weight (with battery), kg	0.73



See more field,
in greater detail

TELOS XT50

Thermal imaging monoculars with laser rangefinder



Wide field of view
The HD sensor provides a 17.5° field of view, making scanning and spotting hot objects quick and easy.

1280x1024 HD
Premium HD thermal image
European-made 1280×1024 HD sensor delivers exceptional performance and detailed imaging in all weather conditions.

1200 m
Powerful built-in laser rangefinder
Compact and powerful, the rangefinder measures distances up to 1200 m in single-shot or scanning modes.

Nonslip rubber-coated housing
Rubber coating ensures a secure grip, comfort in cold, and protection against dust, moisture, and shocks.



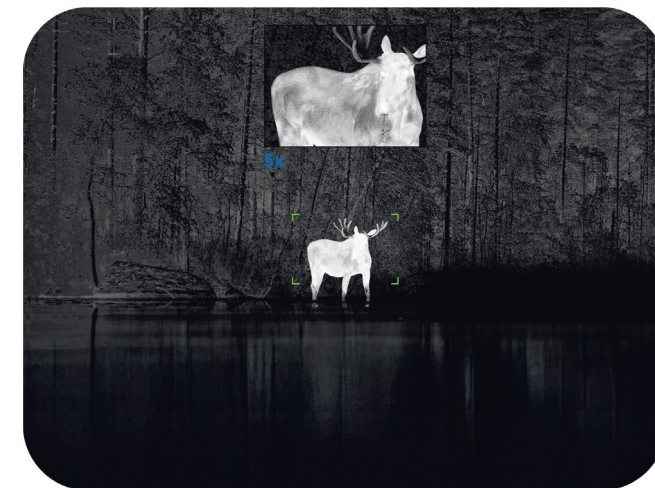
Full HD AMOLED screen
AMOLED Full HD micro-display delivers smooth, detailed images with excellent contrast and brightness, while being power-efficient and resistant to low temperatures.

Smoothing filter
An effective, auxiliary algorithm to reduce noise in the image. Particularly useful when "Ultra-high" sensitivity mode is applied.

Electronic image stabilization
Electronic image stabilization reduces motion blur caused by hand shake, ensuring clearer images on zoom and smoother, more natural object tracking.



Picture-in-picture mode
Two channels support standard picture-in-picture mode. It allows zooming on objects in central area of the scene while retaining awareness of all scene.



3 thermal sensitivity levels

- Normal: Best for sunny, dry, or complex environments.
- High: Versatile for most conditions.
- Ultra-high: Optimized for fog, rain, or low temperatures.



2 display shapes
Rounded | Circular
Offers a selection of 2 screen shapes for enhanced user experience during observation



9 color palettes
Nine color palettes optimize the unit for different tasks.

- White, Black, and Red Hot enhance detection.
- Rainbow and Ultramarine improve recognition.
- Green, Red Monochrome, Sepia, and Violet are best for extended night observation

Precise digital zooming
Digital zoom ring ensures precision in setting the desired magnification level and allows to save required zoom level after device shutdown.



128 GB
Expanded internal memory
128 GB of internal memory ensures hours of quality video recording and thousands of photos.