



**THERMAL
IMAGING**

TELOS SERIES

Upgradeable thermal imaging handheld
monoculars series



Features

- Upgradeable device platform
- Advanced Pulsar Image boost technology
- Objective ring zoom control
- Built for toughest conditions
- Ergonomic, nonslip rubber-coated housing
- Comfortable use with both right and left hands
- Replaceable battery pack with USB-C and wireless charging options
- Enhanced Wi-Fi connectivity with 2.4 / 5 GHZ waveband support
- Built-in video and photo recorder
- 64GB internal memory
- Ergonomic carrying case
- IPX7 waterproof rated



Specifications TELOS models



	Telos XQ35	Telos XG50	Telos XP50
Model # (SKU)	77511	77513	77493
Thermal imaging sensor, pix/μm	384x288/17	640x480/12	640x480/17
Sensor NETD, mK	<25	<40	<18
Display type and resolution, pix.	AMOLED 1024x768	AMOLED 1024x768	AMOLED 1024x768
Built-in photo and video recorder	Yes	Yes	Yes
Built-in memory, GB	64	64	64
Format and resolution of video	*.mp4/1024x768	*.mp4/1024x768	*.mp4/1024x768
Format and resolution of photo	*.JPG/1024x768	*.JPG/1024x768	*.JPG/1024x768
Integrated Wi-Fi module	2.4/5Ghz	2.4/5Ghz	2.4/5Ghz
Bluetooth version	4.2	4.2	4.2
Magnification, x	3-12	3.5-14	2.5-10
Objective lens, mm	35mm/F1.0	50mm/F1.0	50mm/F1.0
Field of view, °	10.7	8.8	12.4
Eye relief, mm	14	14	14
Diopter adjustment, dptr.	+4/-5	+4/-5	+4/-5
Detection range, m	1300	2300	1800
Stadiametric rangefinder	Yes	Yes	Yes
Built-in rangefinder	No	No	No
Battery type	Battery Pack LPS 7i	Battery Pack LPS 7i	Battery Pack LPS 7i
Battery life, h	8.5	8.5	8.5
External power supply	5V/9V USB Type-C	5V/9V USB Type-C	5V/9V USB Type-C
Operating temperature, °C	- 25 ... +40	- 25 ... +40	- 25 ... +40
Level of protection	IPX7	IPX7	IPX7
Dimensions (LxWxH), mm	224x66x59	238x72x62	238x72x62
Weight, kg	0.57	0.66	0.66

Specifications TELOS LRF models



	Telos LRF XQ35	Telos LRF XG50	Telos LRF XP50
Model # (SKU)	77512	77514	77492
Thermal imaging sensor, pix/μm	384x288/17	640x480/12	640x480/17
Sensor NETD, mK	<25	<40	<18
Display type and resolution, pix.	AMOLED 1024x768	AMOLED 1024x768	AMOLED 1024x768
Built-in photo and video recorder	Yes	Yes	Yes
Built-in memory, GB	64	64	64
Format and resolution video clip	*.mp4/1024x768	*.mp4/1024x768	*.mp4/1024x768
Format and resolution photo files	*.JPG/1024x768	*.JPG/1024x768	*.JPG/1024x768
Integrated Wi-Fi module	2.4/5Ghz	2.4/5Ghz	2.4/5Ghz
Bluetooth version	4.2	4.2	4.2
Magnification, x	3-12	3.5-14	2.5-10
Objective lens, mm	35mm/F1.0	50mm/F1.0	50mm/F1.0
Field of view, °	10.7	8.8	12.4
Eye relief, mm	14	14	14
Diopter adjustment, dptr.	+4/-5	+4/-5	+4/-5
Detection range, m	1300	2300	1800
Stream Vision 2 app support	Yes	Yes	Yes
Built-in laser rangefinder	Yes	Yes	Yes
Laser wavelength, nm	905	905	905
Measurement range, m	1000	1000	1000
Accuracy of measurement, m	+/- 1	+/- 1	+/- 1
Battery type	Battery Pack LPS 7i	Battery Pack LPS 7i	Battery Pack LPS 7i
Battery life, h	8,5	8,5	8,5
External power supply	5V/9V USB type-C	5V/9V USB type-C	5V/9V USB type-C
Operating temperature, °C	- 25 ... +40	- 25 ... +40	- 25 ... +40
Level of protection	IPX7	IPX7	IPX7
Dimensions (LxWxH), mm	224x66x87	238x72x90	238x72x90
Weight, kg	0.63	0.72	0.72