

HELION 2 XP50 PR0Thermal imaging scope

HELION 2 XP50 PRO thermal imaging monocular from PULSAR for hunting, forestry, personal security, life rescue and recreational outdoor activities. The unit features built-in video recorder, stadiametric rangefinder, long-life quick-change battery and Wi-Fi module for connecting smartphone or tablet. For image acquisition HELION 2 XP50 PRO uses top-quality thermal imaging FPA with 640x480 resolution (17 µm pixel pitch, <25 mK NETD) operating at 50 frames per second.



Features

- Highly sensitive thermal imaging sensor 25 <mK NETD
- Fast Aperture f1.0 Quality Germanium Optics
- Long Detection Range up to 1800 m (2000 yd)
- Image Boost Technology
- HD AMOLED Display
- · Built-in Photo and Video Recorder
- 4 Observation Modes
- Variable Digital Zoom
- Picture-in-Picture mode
- 8 Color Palettes
- · Wi-Fi. Integration with IOS and Android devices
- Up to 8 hours Operation Time on single charge
- Lightweight Shockproof Metal Housing
- IPX7 Waterproof Rated





Technical specifications

	Helion 2 XP50 PRO
Detector type	Uncooled ASi
Frame rate, Hz	50
Microbolometer resolution, pix.	640x480
Pixel pitch, µm	17
NETD, mK	<25
Display type	AMOLED
Display resolution, pix.	1024x768
Magnification, x	2,5-20
Digital zoom, x	2/4/8





Lens focus, mm 50 Relative aperture, D/ft' 1:1 Field of View,° 12.4 Minimum focusing distance, m 3-5 Eye relief, mm 15 Exit pupil, mm 5 Diopter adjustment, dptr. ± 5 Detection range, m (object H/W = 1,7/0,5m) 1800 Built-in video recorder yes Built-in memory size, Gb 16 Built-in Wi-Fi module yes Stream Vision application support yes
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Built-in Wi-Fi module yes
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Stroam Vision application support
Stream Vision application support yes
Micro USB socket Power/data
Stadiametric rangefinder yes
Color palettes 8
Power supply, V 3.0-4.2
Battery type Pulsar IPS7 (Li-ion)
Battery life, hour 8
External power supply 5V MicroUSB
Tripod mount, inch 1/4
Operating Temp, °C - 25 +50
Housing material Magnesium alloy
Waterproof IPX7
Calibration (non-uniformity correction) manual, auto, semi-auto
Length, mm 242
Width, mm 75
Height, mm 60
Weight (without batteries), kg 0.5
SKU 77431



