

HELION 2 XP50 Thermal imaging scope

HELION 2 thermal imaging monocular from PULSAR built on a new generation of thermal imaging sensors with <40 mK NETD. The unit possesses built-in video recorder, stadiametric rangefinder, long-life quick-change battery and Wi-Fi module for connecting smartphone or tablet. HELION 2 XP50 uses quality thermal imaging sensor with 640x480 resolution 17 μ m pixel pitch operating at 50 frames per second. Main applications include hunting, forestry, security, life rescue, outdoor tourism.



Features

- Highly sensitive thermal imaging sensor 40 $<$ mK
- High Definition image
- Long detection range up to 1800 m (2000 yd)
- Image Boost technology
- Full-Color, AMOLED Display
- Built-in photo and video recorder
- 4 Observation modes
- Variable Digital Zoom
- Picture-in-Picture
- 8 Color pallets
- Wi-Fi. Integration with IOS and Android devices
- Up to 8 hours operation time on single charge
- IPX7 Waterproof Rated



Technical specifications

	Accolade XP50
Detector type	Uncooled ASi
Frame rate, Hz	50
Microbolometer resolution, pixels	640x480
Pixel pitch, μ m	17
NETD, mK	<40
Display type	AMOLED
Display resolution, pix.	640x480

Magnification, x	2.5 - 20
Digital zoom, x	2/4/8
Lens focus, mm	50
Relative aperture, D/f'	1:1.2
Field of View,°	12.4
Minimum focusing distance, m	3
Eye relief, mm	16
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	8
Built-in Wi-Fi module	yes
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 B-Pack(Li-ion)
Battery life, hour	8
External power supply	5V MicroUSB
Tripod mount, inch	1/4
Operating Temp,°C	- 25 ... +50
Waterproof	IPX7
Calibration (non-uniformity correction)	manual, auto, semi-auto
Length, mm	234
Width, mm	55
Height, mm	58
Weight (without batteries), kg	0.5
SKU	77402



40mK NETD

50mK NETD