

AXION XQ38

Thermal imaging scope

AXION XQ38 compact thermal imaging monocular from PULSAR for hunting, forestry, security, search and rescue, outdoor recreation and sports.

For image acquisition unit utilizes a new generation of 17 μm thermal imaging sensors with 384x288 pixels resolution and <40 mK NETD.

The unit possesses built-in video recorder, stadiametric rangefinder, long-life quick-change battery APS5 and Wi-Fi module for connecting smartphone or tablet via free Stream Vision app.



Features

- Highly sensitive thermal imaging sensor
- Light-weight and Rugged Magnesium Alloy Housing
- Detection range more than 1300 meters
- Video and Still-Photo Recording
- Image Boost Technology
- 5-seconds Fast Start-Up
- IPX7 Waterproof Rated
- Full-Color, HD AMOLED Display
- B-Pack mini APS5 battery system
- 4 Observation Modes
- 8 Color Palettes
- Variable Digital Zoom from 3.5x to 14x
- Picture-in-Picture Function
- Wi-Fi. Integration with IOS and Android devices
- Stadiametric rangefinder



Technical specifications

	AXION XQ38
SKU	77427
Detector type	Uncooled α -Si
Frame rate, Hz	50
Microbolometer resolution, pixels	384x288
Pixel pitch, μm	17
NETD, mK	<40
Display type	AMOLED
Display resolution, pix.	1024x768

Magnification, x	3.5 - 14
Digital zoom, x	4x
Lens focus, mm	38
Relative aperture, D/f'	1:1.2
Field of View, °	9.8
Minimum focusing distance, m	3
Eye relief, mm	15
Exit pupil, mm	3.5
Diopter adjustment, dptr.	+4/-5
Detection range, m (object H/W = 1,7/0,5m)	1350
Built-in video recorder	yes
Built-in memory size, Gb	16
Built-in Wi-Fi module	yes
Stream Vision application support	yes
USB Type-C socket	Power / Data
Stadiametric rangefinder	yes
Color palettes	8
Power supply, V	3.0 – 4.2
Battery type	Pulsar APS5 B-Pack (Li-Ion)
Battery life, hour	6
External power supply	5V USB Type-C
Tripod mount, inch	1/4
Operating Temperature, °C	- 25 to +40
Waterproof	IPX7
Calibration (non-uniformity correction)	Manual, Auto, Semi-auto
Length, mm	167
Width, mm	49
Height, mm	73
Weight (without battery APS5), kg	0.35

