

## AXION LRF XQ38

### Thermal imaging scope with built-in laser rangefinder

AXION LRF XQ38 compact thermal imaging monocular with built-in laser rangefinder from PULSAR for hunting, forestry, security, search and rescue, outdoor recreation and sports.

For image acquisition unit utilizes a new generation of 17  $\mu\text{m}$  thermal imaging sensors with 384x288 pixels resolution and <40 mK NETD. The unit possesses built-in laser rangefinder, long-life quick-change battery APS5.



### Features

- Built-in precision laser rangefinder
- Light-weight and compact size
- Highly sensitive thermal imaging sensor
- Detection range more than 1300 meters
- Image Boost Technology
- 5-seconds Fast Start-Up
- IPX7 Waterproof Rated
- Full-Color, HD AMOLED Display
- B-Pack mini APS5 battery system
- Observation Modes
- 8 Color pallets
- Variable Digital Zoom from 3.5x to 14x
- Picture-in-Picture Function



### Technical specifications

AXION LRF XQ38	
SKU	77428
Detector type	Uncooled ASi
Frame rate, Hz	50
Microbolometer resolution, pixels	384x288
Pixel pitch, $\mu\text{m}$	17
NETD, mK	<40
Display type	AMOLED
Display resolution, pix.	1024x768
Magnification, x	3.5 - 14
Digital zoom, x	2/4
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
Laser rangefinder	Built-in
Measurement range, m	1000
USB Type-C socket	Power / Data
Color palettes	8
Power supply, V	3.0 – 4.2
Battery type	Pulsar APS5 B-Pack (Li-Ion)
Battery life, hour	7
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
Dimensions, mm	167x74x73
Weight (without battery APS5), kg	0.38

