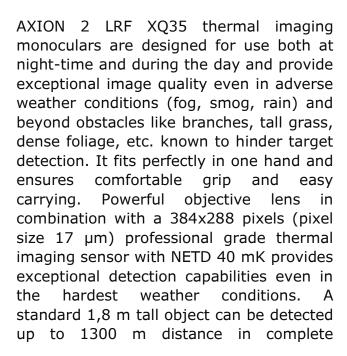


©ALPHA Pulsar AXION 2LRF XQ35

Thermal Imaging Monocular by Pulsar

- Built-in precision laser rangefinder
- Highly sensitive thermal imaging sensor
- NETD <40 mK
- Light-weight and rugged magnesium alloy housing
- Detection range up to 1300m
- Image boost technology
- IPX7 waterproof rated
- Full-colour, HD AMOLED display
- Various colour palettes
- Convenient user interface
- Variable digital ZOOM
- Functional and ergonomic design
- Picture-in-picture function





darkness. Housing made from light weight magnesium alloy ensures high structural rigidity and ruggedness while retaining small weight and ergonomics. Image Boost results in a sharper, more detailed field of view and enhanced identification capabilities. Integrated, precision laser rangefinder provides accurate rangefinding in two modes -Single time Measurement and Scanning mode with \pm 1 m accuracy up to 1 km distance. Accurate distance readings help to quickly assess the size of territory, distance, and relief. Upon activation Picture in Picture function displays second small image with magnification in the top part of the screen.

Standard Accessories: APS 5 rechargeable batteries; 2 battery-locking covers; APS

charger, Power adaptor; USB cable; Hand strap; Carrying case; Lens-cleaning tissue

Optional Accessories: Hard storage case, OTIS lens swabs; lens cleaning kit

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www.alphaopticsinc.com



Thermal Imaging Monocular by Pulsar

SPECIFICATIONS

AXION 2 LRF XQ35

AXION 2 LRF XG35

SENSOR		
Sensor Type	uncooled	uncooled
Resolution, pixels	384 X 288	640 X 480
NETD, mK	<40	<40
Frame Refresh Rate, Hz	50	50
Pixel Size, μm	17	12
OPTICS		
Magnification (x)	2 - 8 (x4 zoom)	2.5 20 (x8 zoom)
Lens System	F35/1.0	F35/1.0
Eye Releif, mm	14	14
Field of view (H x V)	10.7° × 8°	12.5° × 9.4°
Focusing Range	-4 / +5	-4 / +5
Detection Range, m	1300	1750
DISPLAY		
Туре	AMOLED	AMOLED
Resolution, pixels	640x400	1024x768
LASER RANGEFINDER		
Wavelength, nm	905	905
Measurement Range, m	1000	1000
Measurement Accuracy, m	±1	±1
VIDEO RECORDER		
Video / photo resolution, pixel	528x400	1024x768
Video / photo format	.mp4/.jpg	.mp4/.jpg
Built-in memory, GB	16	16
CONNECTIONS/COMPATIBILITIES/W	/i-Fi	
Mount, type	1/4"	1/4"
Supported Application	Stream Vision 2	Stream Vision 2
Wireless Standard	IEEE 802.11 b/g/n/ac	IEEE 802.11 b/g/n/ac
Frequency, GHz	2.4/5	2.4 / 5
OPERATIONAL SPECIFICATIONS		
External Power Voltage	3 - 4.2 V	3 - 4.2 V
Battery Type	Li-Ion Battery pack APS5	Li-Ion Battery pack APS5
Capacity	4900 mAh	4900 mAh
External Power Supply	5V, 9 V (USB Type-C)	5V, 9 V (USB Type-C)
Battery Life at 22°C	11 hours	7 hours
Environmental Rating	IPX7	IPX7
Operating Temperature	-25°C to +40°C	-25°C to +40°C
Body Material	Magnesium Alloy	Magnesium Alloy
Dimonsions non	152 x 74 x 75	1E2 v 74 v 7E
Dimensions, mm	132 X 74 X 73	152 x 74 x 75

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