



AXION XM30S

Thermal Imaging Monoculars



Operating Instructions

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⚡ SPECIFICATIONS

SKU#	77423
AXION Model	XM30S
Microbolometer	
Type	uncooled
Resolution (pixels)	320x240
Frame refresh rate (Hz)	50
Pixel size (microns)	12
Optical specifications	
Optical magnification (x)	4.5
Smooth digital zoom (x)	4.5-18
Digital zoom (x)	2/4
Relative aperture (D/f)	1.2
Minimum focusing Distance (m/y)	3
Exit pupil diameter (mm/inch)	3.5
Angle of field of view (HxV), degrees	7.3x5.5
Angle of field of view, metres at 100m	12.8
Focusing range of eyepiece (dioptries)	±5
Detection distance (m/y) *	1300/1420
Display	
Type	AMOLED
Resolution (pixels)	1024x768
Operational specifications	
External power voltage	3 – 4.3 V
Battery type	Li-Ion Battery Pack APS3
Capacity	3200 mAh
Rated Output Voltage	DC 3.7 V
External power supply	5 V (USB)
Battery charge life in hours (at 22°C)	4
IP code (IEC60529) degree of protection	IPX7
Stream Vision compatibility	Yes
Operating temperature range	-25°C ... +40°C / -13F ... +104F
Dimensions (mm/inch)	143x41x69 / 5.63x1.61x2.71
Weight without batteries (kg/oz)	0.25/8.82
Video recorder	
Video/photo resolution (pixels)	1024x768
Video / photo format	.mp4 / .jpg
Built-in memory capacity	650 min video or > 100 000 pictures
Wi-Fi channel	
Frequency	2.4 Ghz
Standard	802.11 b/g
Reception range in direct line of sight (m)	15

* For animal object, such as a deer.

Improvements may be made to the design and software of this product to enhance its user features. The detailed user manual is available at www.pulsar-vision.com

⚡ DELIVERY PACKAGE

- AXION Thermal Imager
- APS3 rechargeable battery
- APS Battery Charger with power adapter
- USB cable
- Case
- Hand strap
- Quick start guide
- Cloth for cleaning optics
- Warranty card

⚡ DESCRIPTION

AXION IR-matrix (microbolometer) based thermal imaging monoculars are represented by a number of models that differ in magnification and lens diameter. These devices are designed for use both at night-time and during the day in difficult weather conditions (fog, smog, rain), as well as where obstacles are present that impede the detection of a target (branches, tall grass, dense shrubs etc.). Unlike night-vision devices that are based on electron-optical converters, thermal vision monoculars do not require an external light source and are resistant to the effects of bright light.

AXION monoculars can be used for night-time hunting, observation and terrain orientation, and carrying out rescue operations.

⚡ DISTINGUISHING FEATURES

- Microbolometer pixel size of 12 microns
- High-resolution AMOLED display
- Lightweight and compact
- Functional and ergonomic design
- Convenient user interface
- Observation in eight colour modes
- Three calibration modes (manual, semi-automatic and automatic)
- Long detection distance
- High magnification
- Four observation modes: Forest, Rocks, Identification and User
- Stadiametric rangefinder
- Display off function
- Pixel correction function
- Upgradeable software
- Wide operating temperature range (-25 °C – +40 °C)
- Fully watertight (IPX7 protection class)

Video/audio recording

- Built-in video recorder
- Integration with iOS and Android devices
- Wi-Fi Smartphone remote control and surveillance
- YouTube Live broadcasting and direct recording on the Internet via a smartphone and the Stream Vision app.

Battery Pack

- Quick-change APS3 Li-ion battery pack
- USB charging option

Obsah je uzamčen

Dokončete, prosím, proces objednávky.

Následně budete mít přístup k celému dokumentu.



Proč je dokument uzamčen? Nahněvat Vás rozhodně nechceme. Jsou k tomu dva hlavní důvody:

- 1) Vytvořit a udržovat obsáhlou databázi návodů stojí nejen spoustu úsilí a času, ale i finanční prostředky. Dělali byste to Vy zadarmo? Ne*. Zakoupením této služby obdržíte úplný návod a podpoříte provoz a rozvoj našich stránek. Třeba se Vám to bude ještě někdy hodit.

**) Možná zpočátku ano. Ale vězte, že dotovat to dlouhodobě nelze. A rozhodně na tom nezbohatneme.*

- 2) Pak jsou tady „roboti“, kteří se přiživují na naší práci a „vysávají“ výsledky našeho úsilí pro svůj prospěch. Tímto krokem se jim to snažíme překazit.

A pokud nemáte zájem, respektujeme to. Urgujte svého prodejce. A když neuspějete, rádi Vás uvidíme!