



Stream Vision App Supported

Built in Wi-Fi module provides connectivity of Axion with Android or iOS smartphones or tablets. The smartphone and thermal imager combination offers a set of unique features such as direct image streaming, downloading and sharing recorded files, firmware update and many other.



THERMAL
IMAGING

Thermal Imaging Monoculars

AXION

Adventure in the
world of Darkness

www.pulsar-vision.com

TECHNICAL SPECIFICATIONS	SKU	77423	77424	77425
	Model	XM30S	Key XM22	Key XM30
	Microbolometer, resolution, pixels @ pixel pitch, µm	320x240 @ 12	320x240 @ 12	320x240 @ 12
	Display, type / resolution, pixels	AMOLED 1024x768	LCOS / 960x720	LCOS / 960x720
	Objective lens	F30/1.2	F22/1.2	F30/1.2
	Frame rate, Hz	50	50	50
	Magnification, x	4.5 – 18	2 – 8	2.5 – 10
	Range of detection, m	1300	950	1300
	Built-in Video & Sound Recorder	yes	no	no
	Stream Vision Compatibility	yes	no	no
	Operating Temperature, °C	-25 ÷ +40	-10 ÷ +40	-10 ÷ +40
	Weight, kg	0.25	0.23	0.25



Small Pocket-Sized Format

Designed to fit perfectly in one hand or in a standard-size pocket, Axion ensures comfortable grip and handling, as well as easy carrying. The compact design also makes Axion the perfect thermal imaging monocular for scouting and spotting.



High Optic Magnification

Axion offers the highest magnification in the class of compact thermal imagers. Considerable optic magnification can be increased by means of digital zoom to provide the best identification of observed objects.



Video and Still-Photo Recording

The Built-in video recorder is a great asset when it comes to filming or taking photos of once-in-a-lifetime experiences. One press of the REC button captures footage that can be shared easily with colleagues, friends and family. 16 Gb of internal memory provide many hours of recorded video and tons of photos.



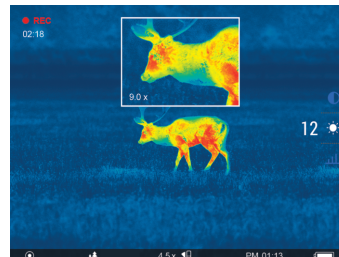
Long Detection Range

Powerful objective lens in combination with a 12µm professional grade thermal imaging sensor provides exceptional detection capabilities. A standard 1,8m tall object can be detected at a 1700 m distance in complete darkness.



HD AMOLED Microdisplay

High contrast AMOLED micro display of HD resolution offers crisp image and vivid colours. Display ensures excellent image quality and flawless performance even in freezing temperatures.



IPX7 Waterproof Rated

IPX7 waterproof-rated for protection from heavy rainfall, snow or other precipitation. The Axion is designed to run flawlessly, even after submersion in up to 1 meter of water for up to 30 minutes.



Picture in Picture Function

Upon activation Picture in Picture function displays second small image with magnification in the top part of the screen. Small image helps to zoom in on a target while retaining the rest of the field of view visible.



Color Palettes

The 8-color palette enhances viewing in varying conditions. While the classic "White Hot" mode is exceptionally versatile, "Hot Black" is often favored for detecting wildlife at night. Red monochrome helps to reduce or prevent bright backlight from exiting the eyepiece. Sepia often improves long-range observation while "Red Hot", "Rainbow" and "Ultramarine" enhance temperature differences of various object attributes. Violet helps to identify objects faster.



Lightweight

Small weight becomes important when outdoor trip is long and each piece of equipment adds to a total load that has to be carried on the back. Axion weighs around 300 grams not more than a regular rangefinder unit but offers far more significant capabilities.



B-Pack Mini Power System

Miniature power elements used in Axion models provide sufficient operation time and can be quickly replaced. B-Pack mini batteries can be quickly charged either with included charger station or in the unit connected to USB.



Instant Start-Up

Thanks to the new revolutionary electronics unit can be started almost instantly. Quick start-up helps to save energy and thus prolongs time of operation. The unit can be kept in a pocket and then rapidly activated when the right time comes.



Rugged Magnesium Alloy Housing

Housing made from light weight magnesium alloy ensures high structural rigidity and ruggedness while retaining small weight and ergonomics.

Thermal Imaging Monoculars **Axion**

