



Thermal Imaging Monoculars
NEW AXION XQ

The
**NEXT LEVEL
OF THERMAL
SPOTTING**



Built-In Precision Laser Rangefinder

Integrated, precision laser rangefinder provides accurate rangefinding in two modes – Single Time Measurement and Scanning mode with ± 1 m accuracy up to 1 km distance. Accurate distance readings help to quickly assess the size of territory, distance and relief.



AXION XQ LRF

Thermal Imaging Monoculars
Axion XQ / XQ LRF



Highly Sensitive Thermal Imaging Sensor

The Axion XQ's 384x288 @ 17 μ m thermal imaging sensor with NETD <math>\lt; 40 mK ensures perfect detail recognition even in the hardest weather conditions when thermal contrast is low. The smallest temperature differences will be clearly visible during the rainfall, fog or cold mornings in the most difficult conditions for thermal imager.



Image Boost Technology

Pulsar's proprietary Image Boost Technology is comprised of software algorithms designed to increase imaging clarity and overall image detail. Image Boost results in a sharper, more detailed field of view and enhanced object identification capabilities.



Observation Modes

Image optimization should be performed depending on the environmental location and conditions. Mountains, cities and forests have different ambient temperatures. In order to achieve the highest possible image quality, certain settings have been optimized and gathered into profiles. As a result, optimized imaging in various conditions is easier. Identification preset is another optimal-imaging option that makes identifying easier, even at longer distances.



HD AMOLED Microdisplay

New HD display delivers crisp, richly contrasted, vividly colored field of view, AMOLED technology ensures flawless, fluid, high-resolution imaging and power saving.



Instant Start-up

Thanks to revolutionary electronics, the Axion can be powered up almost instantly. Quick start-up increases battery life and prolongs overall operation time. With instant start-up capability, the unit can be powered rapidly activated when seconds count.



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.



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.



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.



Long Detection Range

A powerful objective lens combined with a 17 μ m professional-grade thermal imaging sensor provides exceptional detection capabilities. A standard 1.8 m tall object can be detected up to 1350 meters away in complete darkness.

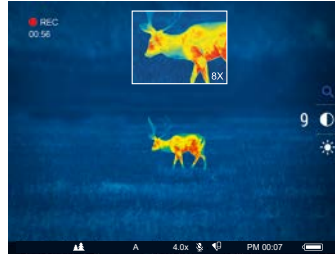


Color Palettes

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.



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.



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 capabilities and many others.



TECHNICAL SPECIFICATIONS	Model	XQ38	LRF XQ38
	SKU	77422	77428
	Microbolometer, resolution, pixels @ pixel pitch, μm	384x288 @ 17	
	Display, type / resolution, pixels	AMOLED 1024x768	
	Objective lens	F38/1.2	
	Magnification, x	3.5 - 14	
	Range of detection, m	1350	
	Built-in video & sound recorder	yes	no
	Stream Vision compatibility	yes	no
	Integrated laser rangefinder	no	yes
Operating temperature, °C	-25 to +40		
Weight, kg	0.35	0.45	