



**THE NEXT LEVEL OF
PRECISION QUALITY
THERMAL AND NIGHT
VISION RIFLE SCOPES**

Catalogue | www.extravision.com.au



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THERMAL IMAGING

The Pulsar Thermal Imaging Rifle Scopes Catalogue is full of quality colour product photos and is full of comprehensive information on each product listed below.

DIGITAL NIGHT VISION

The catalogue demonstrates in detail all the latest Technical Data, Features and Specifications.

Dealer Only (Australia only). To find the dealer nearest you and R.R.P click on any TITLE below to view pages.

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www.extravision.com.au



STREAM VISION



STREAM YOUR DISCOVERIES



Unique, cutting-edge mobile application that binds together opto-electronics and Android or iOS mobile devices to offer a symbiosis of advanced optic capabilities and the latest digital features. Using standard WiFi, a smartphone or tablet easily connects to Stream Vision compatible Pulsar thermal and digital night vision optics to stream images directly to your personal device, change device settings, view recorded files, update firmware and control the optic remotely.

New digital technologies invade, enhance and raise standards in every aspect and sphere of our lives. Today, with literally billions of people in every corner of the globe engaged in constant virtual contact with each other, developing cross-platform devices is more important than ever. Like a smartphone, once simply a means of verbal and text communications but now a multi-purpose, multi-tasking instrument for business and social relations, Pulsar's innovative line of night vision and thermal optics deliver valuable work and entertainment information.

Pulsar continues to develop feature-rich devices focused on high-resolution image quality, ergonomics and world-class reliability. We understand that now more than ever, ease of interface and multi-vector use are equally important. Stream Vision solves this task by providing a symbiosis of software and hardware platforms designed to connect personal Android and iOS devices, i.e. smartphones, tablets, etc. to pulsar thermal imaging and digital night vision devices via Wi-Fi.





STREAM VISION



• Motion Detection

Using your WiFi connected smartphone or tablet with a Stream vision App compatible thermal or night vision device easily turns your optic into a motion-detecting camera. The optic must be in a fixed position. Users are notified of motion detected in the field of view by sound and vibration alerts, as well as imaging. settings help avoid false alarms.

Ballistic Calculator

Stream Vision's onboard ballistic calculator is a powerful tool for precision long-range shooters. select your ammo from stream vision's robust database or create your own ammo profile. save ballistic profiles, including rifle, optic and cartridge combinations. stream vision's proprietary high- precision algorithms, developed by skilled professionals, result in exacting correction calculations based on ballistic parameters, distance to target and real-time environmental conditions like wind speed and direction, temperature , air pressure, humidity, elevation and angle.

Remote Control

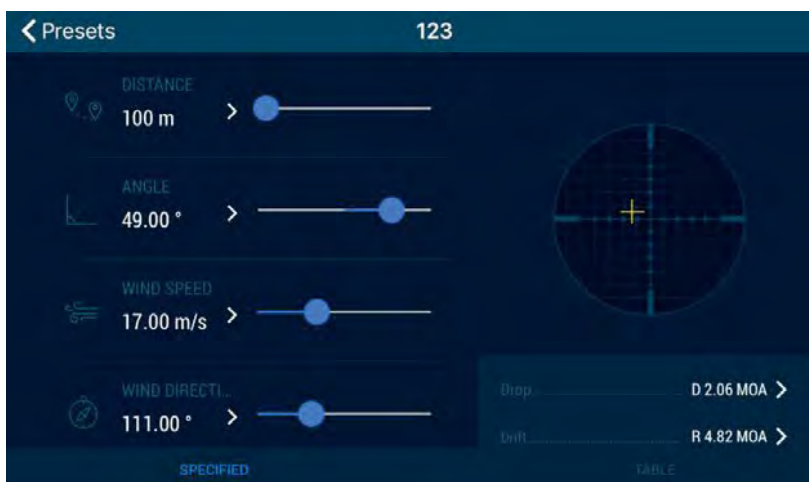
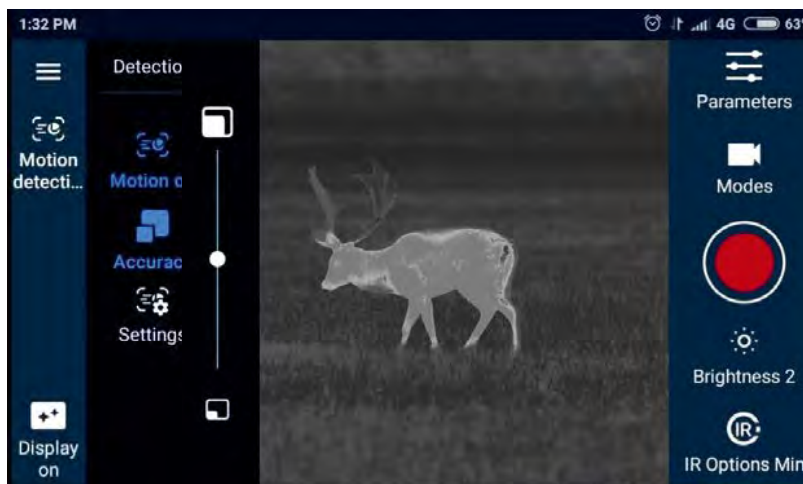
Stream Vision turns your smartphone or tablet into a fully functional remote control. Adjust settings and execute device commands without operating onboard controls.

Completely Free

As a logical, integral, experience-enhancing and functional extension of your compatible device.

No Ads

No ads. No distraction. Even with easy user interface we know using stream Vision and operating electro-optics requires attention and concentration.





STREAM VISION



Photo and Video Recording

Photo and video recording can be initiated from your WiFi connected smartphone or tablet without interrupting through-optic observation. Files can be stored in the optic's internal memory or directly to your connected device.

Mobile Viewfinder

Watch your device's display in real-time. Stream Vision turns your WiFi connected smartphone or tablet into a mobile viewfinder.

Remote Control

Control and adjust the settings of your thermal imaging or digital night vision device in the Stream Vision 2 App. See all changes in real-time in the viewfinder and make necessary corrections on-the-go.

Photo and Video Browser

Browse all photos and videos recorded in on your thermal or digital night vision device. Download the files to your smartphone and share them with your friends.

File Sharing

Download recorded photos and videos with the Stream Vision app and share them with friends via online messaging and cloud services.

Live-Stream Platform

Live-stream video content from the thermal or digital night vision device directly to YouTube and Facebook via your WiFi connected smartphone or

Firmware Update

Keep your Pulsar or Yukon optic device up-to-date and receive all the latest features and firmware enhancements. Use your Stream Vision 2 App to check and download the latest firmware for your device. Update your unit with downloaded firmware and enjoy new features.

Remote Real-Time Image Viewing

See a real-time image viewing device in the screen of your smartphone, allowing you record footage and take photos.



Mobile App
**STREAM
VISION**
2



The free Stream Vision 2 mobile application is a powerful mobile client expanding the features and use scenarios of thermal imaging, digital night vision and multispectral electro-optic devices from PULSAR and YUKON. The application enriches the functionality of electro-optic devices by allowing them to work in combination with smartphones using Android or iOS platforms. Linking the electro-optic device via a Wi-Fi connection with a smartphone enables the smartphone to act as a file browser, viewfinder for direct unit-to-phone image streaming, remote control for changing units settings on-the-go, firmware update platform, and offers many more functions.

After registration in the application, the user gets free space in the Stream Vision 2 Cloud for storage of both photos and videos. Stream Vision 2 gives an opportunity to receive the latest news about technologies and happenings in the world of night vision and thermal imaging.

- **Remote Control**

Control and adjust the settings of your thermal imaging or digital night vision device in the Stream Vision 2 App. See all changes in real-time in the viewfinder and make necessary corrections on-the-go.

- **Firmware Update**

Keep your Pulsar or Yukon optic device up-to-date and receive all the latest features and firmware enhancements. Use your Stream Vision 2 App to check and download the latest firmware for your device. Update your unit with downloaded firmware and enjoy new features.

- **Photo and Video Browser**

- Browse all photos and videos recorded in on your thermal or digital night vision device. Download the files to your smartphone and share them with your friends.

- **Remote Real-Time Image Viewing**

- See a real-time image viewing device in the screen of your smartphone, allowing you record footage and take photos.



- **Free space in the Stream Vision 2 Cloud Storage**

Sign in with your Facebook or Google account to get free space in Stream Vision 2 Cloud for your best memorable outdoor videos and photos. Synchronise your files with the cloud and open them on any phone, tablet or in your PC browser.

- **Newsfeed**

Stay updated and keep your hand on the pulse of the latest technology. Get the latest news from the night vision market together with important news from PULSAR and YUKON. Learn about the newest products before anyone else.

FEATURES	SV	SV2
Device settings control	+	+
File browser	+	+
Cloud Storage		+
Automatic photo/video sync with cloud		+
Firmware update	+	+
Direct YouTube Streaming	+	
Motion detection	+	Coming Soon
Newsfeed		+
Ballistic calculator	+	Coming Soon
Portrait orientation		

- **Supported Devices**

SV

Accolade, Axion, Digisight Ultra, Digex, Forward, Helion (all versions), Krypton, Proton, Thermion, Trail (all versions).

SV2

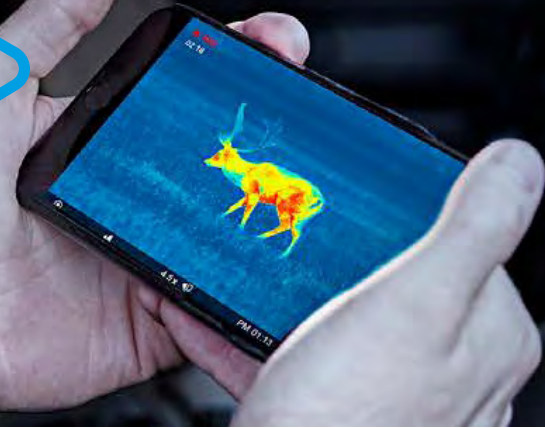
Digex, Digisight Ultra N400th, Forward F400th, Helion 2 XQ, Helion 2 XP50 Pro, Krypton, Proton, Thermion, Trail 2 series.



Mobile App

STREAM VISION 2

STREAM VISION



STREAM YOUR DISCOVERIES



Unique, cutting-edge mobile application that binds together opto-electronics and Android or iOS mobile devices to offer a symbiosis of advanced optic capabilities and the latest digital features. Using standard WiFi, a smartphone or tablet easily connects to Stream Vision compatible Pulsar thermal and digital night vision optics to stream images directly to your personal device, change device settings, view recorded files, update firmware and control the optic remotely.

New digital technologies invade, enhance and raise standards in every aspect and sphere of our lives. Today, with literally billions of people in every corner of the globe engaged in constant virtual contact with each other, developing cross-platform devices is more important than ever. Like a smartphone, once simply a means of verbal and text communications but now a multi-purpose, multi-tasking instrument for business and social relations, Pulsar's innovative line of night vision and thermal optics deliver valuable work and entertainment information.

Pulsar continues to develop feature-rich devices focused on high-resolution image quality, ergonomics and world-class reliability. We understand that now more than ever, ease of interface and multi-vector use are equally important. Stream Vision solves this task by providing a symbiosis of software and hardware platforms designed to connect personal Android and iOS devices, i.e. smartphones, tablets, etc. to Pulsar thermal imaging and digital night vision devices via Wi-Fi.



Available on the App Store



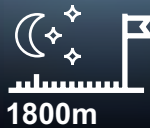
ANDROID APP ON Google play

NEW Thermal Imaging Riflescopes

THERMION 2



XP50 / XQ38 / XQ50 / XM SERIES XM50 / XM30



DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



THERMION2 XP50
Code YU76544
R.R.P. from **\$7900.00**



THERMION2 XQ38
Code YU76546
R.R.P. from **\$4995.00**



THERMION2 XQ50
Code YU76546
R.R.P. from **\$5500.00**

Fast Aperture f1.0 Germanium Optics

Quality fast aperture germanium optics ensures optimal heat energy transmissivity



Super Sensitive Thermal Imaging Sensor

Thermal imaging sensor with NETD <25mK* 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.

* - Thermion 2 XP. Thermion 2 XQ models feature a NETD <40mK thermal sensor.

* **THERMION XM SERIES: XM50** - Unprecedented detection range up to 2300 meters
High magnification from 5.5 to 22x

XM30 - Lightweight & compact, Optimal magnification / FOV ratio

Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

NEW Thermal Imaging Riflescopes **THERMION2**



THERMION2 XM50 series
Code YU76526
R.R.P. from **\$5995.00**

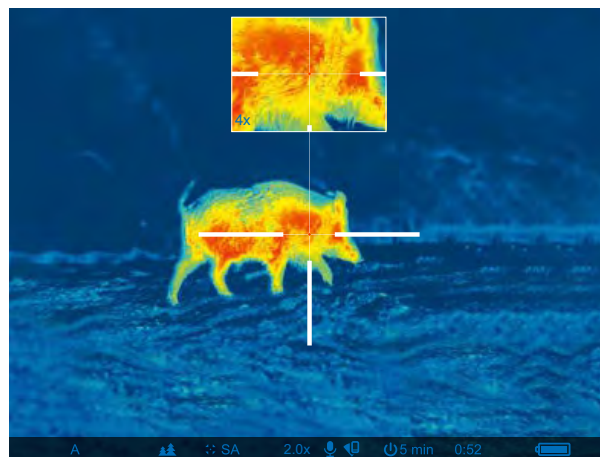


THERMION2 XM30 series
Code YU76524
R.R.P. from **\$4750.00**

APS 2 BATTERY PACK
for Thermion Scopes
Code YU79162
R.R.P. from **\$69.95**



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



Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

THERMION2 Features

Extreme Detection Range 1800 m
High quality germanium optics coupled with an advanced thermal imaging sensor ensure an unprecedented detection range of up to 1800 meters even in complete darkness.

Stream Vision App supported
Using Wi-Fi and the Stream Vision App, connect the Thermion to a smartphone or tablet for use as a second display or remote control. Also makes transferring recorded files, adjusting settings, upgrading firmware.

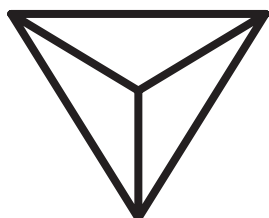


Image Boost Technology
Pulsar's proprietary Image Boost Technology is comprised of software algorithms designed to increase imaging clarity and overall image detail. Image Boost results in a sharper, more detailed field of view and enhanced object identification capabilities.

Color Palettes
Color palettes offer customized display options while white hot and black hot are most popular, Red Hot, Rainbow and Ultramarine highlight a heat signature's more intense hot spots. Violet, Red Monochrome and sepia are optimal palettes for reduced eye fatigue over long periods of observation.

IPX7 Waterproof-Rated

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



Full-Color, HD AMOLED Display
While the Thermion's HD AMOLED display delivers crisp, richly contrasted, vividly colored field of view, AMOLED technology ensures flawless, fluid, high-resolution imaging and power saving.

B-Pack Mini Combined Power System
Thermion riflescopes utilize a dual battery system consisting of internal and external rechargeable batteries. While the external battery offers extended operation time, it can also be replaced in seconds without powering down the device.

Variable Digital Zoom
Digital zoom, up to 8x, provides improved focus and overall target recognition at significant distances.

Zeroing Profiles Management
Store up to five zeroing profiles, with ten distance coordinates each for varying situations, in internal memory for quick rifle change-outs and on-the-fly adjustments.

Continuous Improvement
We work constantly to refine digital night vision and thermal imaging firmware to enhance user experiences. Users with Stream Vision compatible electro-optics can always update firmware and add features.

Photo and Video Recording
Photo and video recording can be initiated from your WiFi connected smartphone or tablet without interrupting through-optic observation. Files can be stored in the optic's internal memory or directly to your connected device.

THERMION2 Features / Specifications

Mounts on Standard 30 mm Scope Rings

Designed from the ground up for ease of use, Thermion riflescopes mount to standard 30 mm scope rings. No specialized tools or equipment are required.

Recoil Rated up to .375 H&H, 12-Gauge and 9.3x64

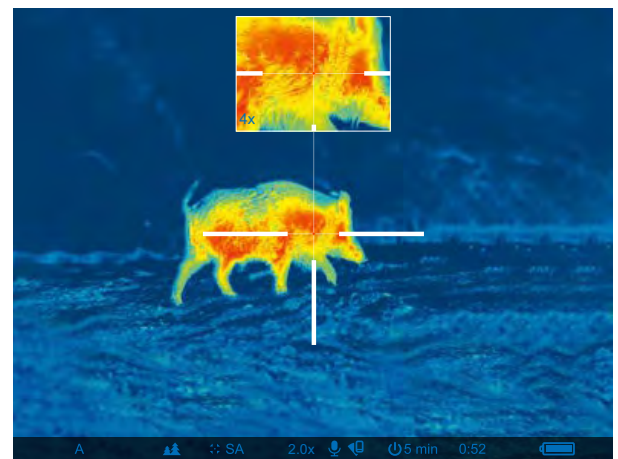
Recoil rated up to 6000 joules for flawless performance on larger calibers up to .375 H&H, 12-gauge and 9.3x64.

Picture-in-Picture

Picture-in-picture displays a magnified image at the top-center 1 job of the overall field of view for precise shot placement.

Video and Still-Photo Recording

Integrated video (including recoil-activated) and still image recording in MPEG-4 and jpg makes sharing the thermal action quick and easy. The onboard 16-GB internal memory handles recoil flawlessly and stores hours of video or thousands of photos.



TECHNICAL SPECIFICATIONS

Model	2 XP50	2 XQ50	2 XQ38	2 XQ38	2 XQ38
SKU	76544	76546	76545	76526	76524
Microbolometer, resolution, pixels @ pixel pitch, μm	640 x 480 @17	384 x 288 @17		320 x 240 @ 12	
Display, type & resolution	Full-color HD AMOLED 1024 x 768				
Objective lens	F50/1.0	F50/1.0	F35/1.0	F50/1.2	F30/1.2
Magnification, x	2 – 16	3.5 – 14	2.5 – 10	5.5 – 22	3.5 – 14
Field of view (horizontal), °	12.4	7.5	10.7	4.4	7.3
Range of detection, m	1800		1350	2300	1300
Operating temperature, °C	-25 to +50				
Weight, kg	0.9			0.75	



Thermal Imaging Riflescopes

TRAIL 2 LRF

2 LRF XQ50 / XP50



The NEXT LEVEL OF THERMAL PRECISION

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



TRAIL2 LRF XQ50
Code YU76558
R.R.P. from **\$6995.00**



TRAIL2 LRF XP50
Code YU76559
R.R.P. from **\$9995.00**

< **40**^{NETD} **mK**

Highly Sensitive Thermal Imaging Sensor

An advanced NETD <40 mK sensor produces precise detail recognition imaging even in adverse weather conditions like rain and fog. Even when thermal contrast is low, small temperature differences are clearly visible with richly contrasted, high-resolution imaging.



Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

TRAIL

2 LRF



BATTERY PACK IPS 14

Code YU79168

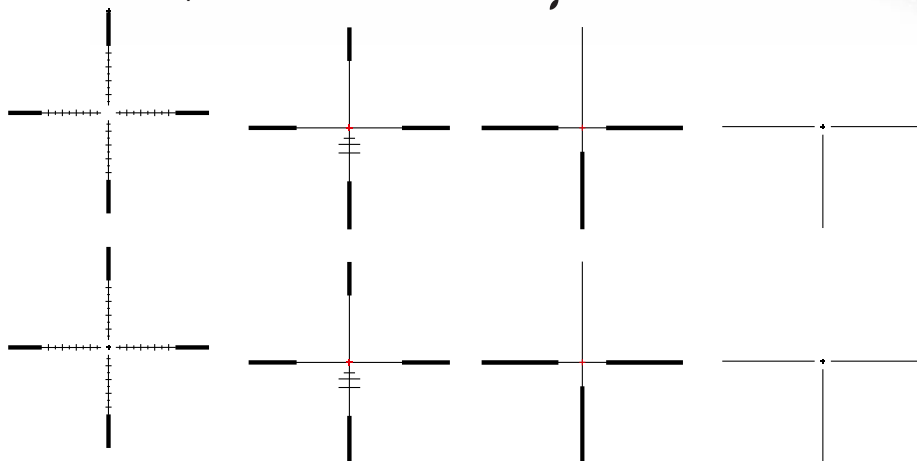
R.R.P. from **\$195.00**

The IPS14 rechargeable battery pack is designed to significantly extend the self contained operating time of Pulsar digital and thermal devices such as Helion, Trail, Digsight and more.



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.





TRAIL2 LRF Features

Picture-in-Picture Mode

Picture-in-Picture improves accuracy by providing a magnified image of the reticle area at the top of the display. With only 1110 of the display area reserved for PiB the field of view remains virtually unobstructed for simultaneous PiP, and FOV viewing.

-25°C Wide Range of Operating Temperatures

With a frost-resistant AMOLED display, Trail thermal imaging riflescopes are designed to deliver flawless performance at an extreme temperature range of -25°C to +50°C.

Display Off

During short periods of inactivity and better concealment, Display Off powers down the display without interrupting other operating functions.

Using Display Off means a much faster restart time when you need it most.

Built-In Accelerometer / Gyroscope

A built-in accelerometer/gyroscope improves accuracy by precisely identifying cant and angles greater than 5° with an arrow indicating the direction and degree of lateral tilting. Increased angles are denoted with additional arrows. Moreover, the riflescope can be set to auto shutdown when resting in a non-shooting position. Unit operation may be disabled when the vertical angle is greater than 70° or horizontal angle is greater than 30°. The accelerometer feature may be temporarily disabled for continued use at excessive angles.

Zeroing Profiles Management

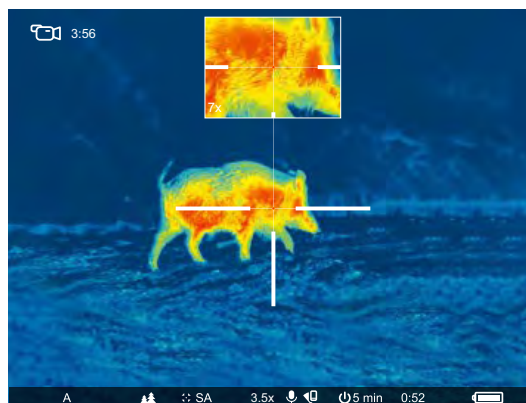
Store up to five zeroing profiles, with ten distance coordinates each for varying situations, in internal memory for quick rifle change-outs and on-the-fly adjustments.

Built-In Video Recorder

Capturing still images and video is seamless with the Trail's built-in video recorder. Image and video content is stored internally and can easily be transferred to PC / laptop via wired connection or wi-Fi.

Selectable Reticles

A full complement of digitally displayed reticle resolutions ensures quick target acquisition and a richly contrasting sight picture. Choose from an array of reticle patterns, colors and brightness settings



TRAIL² LRF Features

- **Shockproof Magnesium Alloy Housing**
Rugged and light-weight magnesium alloy housing is designed to withstand recoils of high caliber rifles. Increased structural rigidity reduces vibrations during the shot and leads to enhanced ballistics while properties of magnesium alloy help to ensure better heat dissipation.
- **Instant Start-Up**
Thanks to advanced electronics, the Trail 2 LRF can be powered up almost instantly. Rapid start-up conserves device energy and prolongs overall battery life while ensuring you don't miss a shot opportunity when seconds count.
- **Full-Color, HD AMOLED Display**
Trail2 LRF's new HD display delivers crisp, richly contrasted, vividly colored field of view, AMOLED technology ensures flawless, fluid, high-resolution imaging and power saving.
- **High Recoil Resistance Rating:**
12 gauge, 9.3x64, .375 H&H Shock Resistance. The Trail features exceptionally high shock resistance, capable of handling high-powered firearm recoil, up to .375-cal., including smoothbore and airsoft.
- **Observation Modes**
Image optimization should be performed depending on the environmental location and conditions. Mountains, fields 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.
- **Fully Waterproof**
IPXT waterproof-rated protection ensures the Trail performs perfectly in wet weather, even during intense rain, snowfall and submersion in 1 meter of water for up to 30 min. (IEC 60529).
- **Wi-Fi. Integration with IOS and Android devices**
Built in Wi-Fi module provides connectivity of Trail2 LRF with Android or iOS smartphones or tablets. The smartphone and thermal riflescope combination offers a set of unique features such as direct image streaming, downloading and sharing recorded files, firmware update capabilities and many others.
- **50 Hz High Image Frequency**
At a high refresh rate of 50 Hz, the Trail provides comfortable viewing throughout dynamic, rapid motion.
- **B-Pack Power Supply**
Trail includes a progressive autonomous B-Pack power supply consisting of a quick-detach, rechargeable IPS7, 6.4 Ah battery pack designed to deliver over 10 hrs. of operation on maximum mode. Higher-powered IPS14 battery pack, as well as M battery case, also are available and provide a perfect off-the-grid power solution.
- **Variable Magnification**
Trail models include variable magnification, up to 8x depending on model, and feature both 2x step-up and smooth, graduated magnification for a truly optimum, customized field of view.



TRAIL2 LRF Specifications

TECHNICAL SPECIFICATIONS

Model	XQ50	XP50
SKU	76558	76559
Microbolometer, resolution, pixels @ pixel pitch, μm	384 x 288 @ 17	640 x 480 @ 17
Objective lens	F50/1.2	
Display, type & resolution	Full-color HD AMOLED 1024 x 768	
Magnification, x	3.5 - 14	2-16
Field of view (horizontal & vertical without zoom), $^{\circ}$	7.5 x 5.6	12.4 x 9.3
Integrated laser rangefinder	yes	
Range of detection, m	1800	
Weight (without mount), kg	0.8	



NEW
Thermal Imaging Front Attachment
KRYPTON
Thermal Upgrade
XG50 / FXG50



DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



KRYPTON XG50 with Monocular
Code YU77375
R.R.P. from **\$7495.00**



KRYPTON FXG50
Code 76655
R.R.P. from **\$6800.00**

Highly Sensitive 640x480 pixel @ 12 pm Thermal Imaging Sensor

For image acquisition KRYPTON uses high quality 12 pm VOx thermal imaging sensor.



WIRELESS REMOTE CONTROL

The ergonomic Pulsar BT wireless remote control with encoder wheel puts the full range of Krypton operation at your fingertips when comfort and convenience means taking hands-off the controls.

Code YU79142
R.R.P. from **\$79.95**

Software Evolution Support

A smartphone, free mobile application Stream Vision and Internet access is all one needs to check updates and to install new firmware. This allows a hunter to receive new features for Krypton he/she already owns.

High Definition Image

Sharp, richly contrasted thermal imaging for enhanced identification of animals, their extremities and even the smallest details, i.e. branches, leaves, grass and terrain. Recoil rated up to 6,000 joules for flawless performance on larger calibers up to .375 H&H, 12-gauge and 9.3x64.

Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

KRYPTON Thermal Imaging Front Attachments

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



KRYPTON PSP 42 Ring Adaptor

Code YU79174

R.R.P. from **\$220.00**



BATTERY PACK IPS 7

Code YU79168

R.R.P. from **\$160.00**



Krypton XG50 as Observation Device

The Krypton XG50 is a modular thermal imaging monocular consisting of a thermal imaging unit and a Pulsar 5x30B quick-release daylight monocular used as an eyepiece. With just one turn the hunter is able to release a fully-featured monocular of 5x magnification for natural daytime observation.

Shockproof Magnesium Alloy Housing

Rugged and light-weight magnesium alloy housing is designed to withstand recoils of high caliber rifles. Increased structural rigidity reduces vibrations during the shot and leads to enhanced ballistics while properties of magnesium alloy help to ensure better heat dissipation.

The IPS7 rechargeable battery pack is designed to significantly extend the self contained operating time of Pulsar digital and thermal devices such as Helion, Trail, Digisight and more.

Quick-release PSP 42 Ring Adaptor with Precise Screen Positioning Mechanism in the Field of View of Day Optics



The attachment docks with front quick-release PSP adaptor * mount and can be easily put on the riflescope and taken off. The mount allows to perform precise alignment of attachments field of view with central point of riflescope's field of view in order to achieve the optimal viewing position.

* bought separately

Detection Range Exceeding 2000m

Powerful objective lens in combination with professional grade 12 pm sensor thermal imaging sensor provides exceptional detection capabilities. A standard 1,8m tall object can be detected at a 2300 m) distance in complete darkness.



Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

KRYPTON Thermal Imaging Front Attachment Features

HD AMOLED Display

Quality HD AMOLED display delivers crisp, richly contrasted, vivid image. AMOLED technology ensures flawless, fluid, high-resolution imaging and power saving.

Long Operation Time

Quick-change rechargeable battery packs provide enough power for non-stop operation up to 8 hours. On one battery pack the unit can run the wholenight without the need to be replaced. Any ordinary power bank connected via Micro USB can be used as external power supply.

IPX7

IPX7 Waterproof Rated

IPXT waterproof-rated for protection from heavy rainfall, snow or other precipitation. KRYPTON is designed to run flawlessly, even after submersion in up to 3 feet of water for up to 30 minutes.

Quick-release Adaptor with Precise Screen Positioning Mechanism in the Field of View of Day Optics

The attachment docks with front quick-release PSP adaptor * mount and can be easily put on the riflescope and taken off. The mount allows to perform precise alignment of attachments field of view with central point of riflescope's field of view in order to achieve the optimal viewing position.

* bought separately

Point-of-Impact Stability Krypton allows shooters to focus on quick target acquisition and shot placement in low-light environments without stressful, complex adjustments by utilizing a sequential layout of optical and electronic components designed to provide precise sight alignment and ultra-easy adjustability.

Attachments design ensures stability of the point-of-impact when re-focusing the attachment at various distances.

Wi-Fi. Integration with IOS & Android devices with the help of free Stream Vision app
 Built in Wi-Fi module provides connectivity of Krypton FXG50 attachment with Android or iOS smartphones and tablets with the help of free Stream Vision application. In combination with a smartphone thermal imager offers a set of unique features such as live image streaming to smartphone, transfer and sharing of multimedia files, firmware update, remote control of unit's settings and many other.

TECHNICAL SPECIFICATIONS	Model	FXG50	XG50
	SKU	76655	77375
	Objective lens	F30/1.2	
	Microbolometer resolution, pixels @ pixel pitch, μm	640 x 480 @ 12	
	Display, type & resolution, pixels	AMOLED HD 1024x768	
	Magnification, x	-	5
	Field of view, °	8.7	8.7
	Detection range, m	2300	
	Recommended magnification of the day scope / sight, x	15.6	
	Power supply, V / Battery type	3.0 – 4.3 / IPS7 Battery Pack	
Dimensions, mm	143 x 93 x 76	260 x 93 x 76	



Mobile App
STREAM VISION 2



NEW Thermal Imaging Front Attachment **PROTON**

The
NEXT LEVEL OF THERMAL PRECISION

FXQ30 / XG30

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



PROTON FXQ30 with Monocular
Code YU77378
R.R.P. from **\$4995.00**



PROTON XQ30
Code YU76653
R.R.P. from **\$4800.00**



APS 5 battery pack
Code YU79182
R.R.P. from **\$80.00**

Miniature power elements used in Axion XQ & XQ LRF models provide sufficient operation time and can be quickly replaced. B-Pack mini batteries

can be quickly charged either with charger station or in the unit connected to USB.

Highly Sensitive Thermal **<40mK**^{NETD}

Thermal imaging sensor with NETD 40mK 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



- Light-weight and compact size
- Shockproof Magnesium Alloy Housing
- Quick-release Adaptor with Precise Screen Positioning Mechanism in the Field of View of Day Optics
- Image Detail Boost Function
- Wi-Fi. Integration with IOS and Android devices
- **IPXT** Fully Waterproof
- Quick-change APSS battery system



Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

PROTON Thermal Imaging Front Attachment Features

Light-weight and compact size

When stalking each extra gram of hunting equipment matters. Using the Proton is easy and intuitive regardless of which daytime optic it is connected to - an optical sight, a Pulsar 5x308 monocular, a spotting scope or binocular from the hunter's arsenal. The compact Proton thermal imaging module weighs just 370 grams - light enough not to have a meaningful effect on the balance of any daytime optic it is installed on.

Shockproof Magnesium Alloy Housing

Rugged and light-weight magnesium alloy housing is de-signed to withstand recoils of high caliber rifles. Increased structural rigidity reduces vibrations during the shot and leads to enhanced ballistics while properties of magnesium alloy help to ensure better heat dissipation.

Quick-release Adaptor with Precise Screen Positioning Mechanism in the Field of View of Day Optics

The attachment docks with front quick-release PSP adaptor mount and can be easily put on the riflescope and taken off. The mount allows to perform precise alignment of attachment's field of view with central point of riflescope's field of view in order to achieve the optimal viewing position.

Image Detail Boost Function

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.

IPXT Fully Waterproof

IPXT waterproof-rated for protection from heavy rainfall, snow or other precipitation. The unit is designed to run flawlessly, even after submersion in up to 3 feet of water for up to 30 minutes.

Quick-change APSS battery system

Quick-change high capacity rechargeable Li-Ion battery of-fers up to 6 hours of operation time on single charge. Fast and easy battery replacement ensures continuous observation without disruptions. Ordinary power bank connected via USB Type-C socket can be used as an external power source.

Wi-Fi. Integration with IOS and Android devices

Built in Wi-Fi module provides connectivity of Proton ther-mal attachment with Android or iOS smartphones and tablets with the help of free Stream Vision application. In combination with smartphone, thermal imager offers a set of unique features such as live image streaming to smartphone, transfer and sharing of multimedia files, firmware update, remote control of unit's settings and many other.

Thermal imaging sensor with NETD 40mK



PROTON Thermal Imaging Front Attachment Specifications

TECHNICAL SPECIFICATIONS		
Model	FXQ30	XQ50
SKU	76653	77378
Objective lens	F30/1.2	
Microbolometer resolution, pixels @ pixel pitch, μm	384x288 @ 17	
Display, type & resolution, pixels	AMOLED HD 1024x768	
Magnification, x	-	5x (with Pulsar 5x30 monocular)
Field of view, °	12.4 / 21.8	
Detection range, m	900	
Recommended magnification of the day scope / sight, x	1.5 - 4	
Dimensions, mm	119x58x75	248x59x75 (with Pulsar 5x30 monocular)





< ^{NETD}25mK
Helion 2 Pro Series

< ^{NETD}40mK
Helion 2 Series

NEW

Thermal Imaging Monoculars

HELION2

XQ38F / XQ50F / XP50 / XP50 PRO

The
NEXT LEVEL
OF THERMAL
SPOTTING

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



HELION2 XQ38F
Code YU77396
R.R.P. from **\$3955.00**



HELION2 XQ50F
Code YU77397
R.R.P. from **\$4400.00**



HELION2 XP50
Code YU77402
R.R.P. from **\$5995.00**



HELION2 XP50 PRO
Code YU77431
R.R.P. from **\$7250.00**



NEW HELION2 XP50 PRO Unprecedented Thermal Sensitivity

Thermal imaging sensor with NETD <25mK 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.



Large aperture lenses

The characteristics of thermal imaging optics have a decisive influence on a thermal imager's ability to capture even the lowest radiation levels. Ultimate detection efficiency is achieved with the fast lenses of the Helion 2 XQ38F (F35/1.0), Helion 2 XQ50F and Helion 2 XP50 Pro (F50/1.0) thermal imagers in combination with highly sensitive thermal sensors. The Helion 2 XQ / XP Pro models give users the best quality, most detailed & high-contrast, informative imagery every time, even during rain or fog, when the temperature contrast of the observed scene is minimal.



Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

HELION2 Thermal Imaging Monocular Features

BATTERY PACK IPS 14

Code YU79168

R.R.P. from **\$195.00**



The IPS14 rechargeable Quick-change High Capacity Battery (up to 8 hrs. of Operation Time) Quick-change rechargeable battery packs provide enough power for up to 8 hours of non-stop operation. On one battery pack the unit can run the

whole night without the need to be replaced. Any ordinary power bank connected via Micro USB can be used as external power supply. The IPS14 Battery Pack, available as a separate item, Provides up to 16 hrs. of operation time. A battery cradle for LR6 (AA) batteries is an optional accessory.

STADIAMETRIC RANGEFINDER



235m



96m



41m



Picture-in-Picture Function

Picture-in-picture displays a magnified image at the top-center 10% of the overall field of view for precise zooming on an object of interest.

The stadiametric rangefinder is a dynamic rangefinding scale intended to help determine approximate range to objects with known height 1.7m (deer), 0.7m (wild boar) and 0.3 m (rabbit).



Ultra-high-strength magnesium alloy housing

The lightweight magnesium alloy housing stands out due to a high structural strength and resistance to external mechanical and climatic loads. The housing material effectively removes and dissipates the heat generated by the electronics, ensuring the operational stability of the thermal imager and maintains a high quality image during prolonged observation.

Detects up to 1800 m Away

Depending on model, the Helion 2 is capable of detecting an average human-size target, dressed in outerwear, against a forest backdrop, at a range up to 1 800 meters.

Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

HELION2 Thermal Imaging Monocular Features

High Definition Thermal Sensor 640x480 pixel @ 17 Um

Sharp, richly contrasted thermal imaging for enhanced identification of animals, their extremities and even the smallest details, i.e. branches, leaves, grass and terrain.

Wi-Fi. Integration with IOS and Android devices

Built in Wi-Fi module provides connectivity of Helion 2 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.

Photo and Video Recording

Photo and video recording can be initiated from your WiFi connected smartphone or tablet without interrupting through-optic observation. Files can be stored in the optic's internal memory or directly to your connected device.

8 Color palettes

A choice of 8 colour palettes lets the user observe their field of view more effectively, allowing them to optimise the unit for specific tasks as well as react to changing observation conditions. White Hot, Black Hot and Red Hot are optimal for object detection, Rainbow and Ultramarine help increase chances for recognition & identification. Red Monochrome, Sepia and Violet are most suitable for long observation in the night.

IPXT Waterproof Rated

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

Full colour HD AMOLED display

The new 1024x768 HD AMOLED display has improved colour rendering, is power saving, offers high contrast imagery and a quick-response, as well as providing clear & smooth images when observing on-the-move or in cold conditions.

Image Detail Boost Function

The Helion 2 produces clear, high contrast images with precise tracing of contours and informative visualization of the smallest objects and areas with minimal temperature differences. A hunter is able to clearly identify objects, both target and background, as well as accurately evaluate the trophy.

Variable Magnification

Digital zoom, up to 8x depending on model, provides improved focus and better overall object recognition at significant distances. The zoom changes either gradually in 2x step or continuously for a truly optimum, customized field of view for specific situation.

Built-in Photo and Video Recorder with 16 GB memory

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.

Wide Range of Operating Temperatures (-25 to +50°C)

Housing power unit, optics and electronics of Helion 2 are designed with regard to applications in wide range of temperatures. Helion ensures reliable and effective performance in freezing cold up to -25°C.

HELION2 Thermal Imaging Monocular Specifications

TECHNICAL SPECIFICATIONS				
Model	XP50 PRO	XP50	XQ50F	XQ38F
SKU	77431	77602	77397	77396
Microbolometer, resolution, pixels @ pixel pitch, μm	640 x 480 @17		384 x 288 @17	
Sesnor NETD value, mK	<25		<40	
Display, type & resolution	AMOLED 1024 x 768			
Objective lens	F50/1.0	F50/1.2	F50/1.0	F35/1.0
Magnification, x	2.5 – 20		4.5 – 18	3 – 12
Field of view (horizontal), $^{\circ}$	12.4		7.5	10.7
Range of detection, m	1800		1350	
Body material	Armored plastic		Magnesium Alloy	
Dimensions, mm	242 x 75 x 60	234 x 55 x 58	242 x 75 x 60	226 x 55 x 58
Weight, kg	0.5			



Thermal Imaging Monoculars

AXIONXQ

XM30S / XM30 / XQ38 / XQ38 LRF
XM22 KEY / XM30 KEY



< 40^{NETD}mK

The
NEXT LEVEL
OF THERMAL
SPOTTING

Highly Sensitive Thermal Imaging Sensor

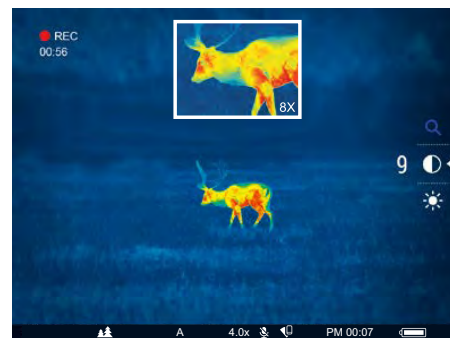


The Axion Thermal Imaging Monocular has a Powerful objective lens in combination with a 12 μm professional grade thermal imaging sensor provides exceptional detection capabilities. A standard 1,8 m (6 ft) tall object can be detected at a 1300 m (1420 yds) distance in complete darkness. A small Pocket-sized Format Designed to fit perfectly in one hand or a pocket of a standard size, Axion ensures comfortable grip position and easy carrying.

Alloy Housing

Housing made from lightweight magnesium alloy ensures high structural rigidity and ruggedness. Small weight and compact size of the monocular makes it a perfect option for long outdoor trips when light yet capable unit is necessary.

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

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.

Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),



Thermal Imaging Monoculars

AXION XQ

XM30S / XM22 KEY / XM30 KEY



< **40**^{NETD} **mK**
The
**NEXT LEVEL
OF THERMAL
SPOTTING**

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



AXION XM30S
Code YU77423
R.R.P. from **\$3300.00**

AXION XM30S. High Optic Magnification

Axion XM30S 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.

AXION XM30S Main Features

- 12µm Thermal Imaging Sensor
- HD AMOLED Microdisplay
- Detection Range up to 1300 m
- Smooth Zoom from 4.5x to 18x
- Rugged Magnesium Alloy Housing
- Four-second Start-up Time
- Video and Still-Photo Recording
- Preset Viewing Modes
- WiFi. Integration with iOS and Android Devices
- IPX7 Waterproof Rated
- B-Pack Mini Power System
- Operating Temperatures -25 °C to +40 °C
- Remote Firmware Update
- Compact & Lightweight



Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

AXIONXM 22KEY / 30KEY Features Specifications

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



AXION XM22 KEY
Code YU77424
R.R.P. from **\$1895.00**



AXION XM30 KEY
Code YU77425
R.R.P. from **\$2250.00**

AXIONXM 22 KEY / 30 KEY.

Light Weight

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 XM weighs around 25A grams not more than a regular rangefinder unit but offers far more significant capabilities.

Main Features

- 12 pm Thermo! Imaging Sensor
- Rugged Magnesium Alloy Housing
- Compact & Lightweight
- Easy in Operation
- Preset Viewing Modes
- Color Palettes
- IPXT Waterproof Rated
- B-Pack Mini Power System

TECHNICAL SPECIFICATIONS

Model	XM22 KEY	XM30 KEY
SKU	77424	77425
Microbolometer, resolution, pixels @ pixel pitch, μm	320 x 240 @ 12	
Objective lens	F22/1.2	F30/1.2
Display, type & resolution	LCOS / 960x720	
Magnification, x	2.8	2.5-10
Operating temperature, °C	-10 to +40	
Integrated laser rangefinder	no	no
Built-in video & sound recorder	no	no
Stream Vision compatibility	no	no
Range of detection, m	950	1300
Weight, kg	0.23	0.25

Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

AXION Thermal Imaging Monocular Features

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.

IPXT Waterproof Rated

IPXT 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.

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.

Color Palettes

The 8-color palette enhances viewing in varying conditions. While the classic White Hot mode is exceptionally versatile, Hot Black is often favoured 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.

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.

AXION XQ LRF more features

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.

Long Detection Range

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

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.

AXION XM30 / XQ30 / XQ38LRF Features Specifications

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



AXION XM30
Code YU77425

R.R.P. from **\$2250.00**



AXION XQ38
Code YU77427

R.R.P. from **\$3495.00**



AXION XQ38 LRF
Code YU77428

R.R.P. from **\$3595.00**

XQ38 LRF 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.

Highly Sensitive Thermal Imaging Sensor

The Axion XQ's 384x288 @ 17 μm thermal imaging sensor with NETD 40mK 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.

TECHNICAL SPECIFICATIONS

Model	XQ38	XQ38 LRF	XQ30
SKU	77427	77428	77423
Microbolometer, resolution, pixels @ pixel pitch, μm	384 x 288 @ 17		320 x 240 @ 12
Objective lens	F38/1.2		F30/1.2
Display, type & resolution	AMOLED 1024 x 768		
Magnification, x	3.4-14		4.5-18
Operating temperature, °C	10 to +40		
Integrated laser rangefinder	no	yes	no
Built-in video & sound recorder	yes	no	yes
Stream Vision compatibility	yes	no	yes
Range of detection, m	1350		1300
Weight, kg	0.35	0.45	0.25

Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),



NEW Thermal Imaging Binoculars **ACCOLADE 2 PRO** SERIES

LRF XQ38 / LRF XP50



NETD **25mK**

STREAM VISION



DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DFTAIL S & VIDFO CI CK PRODUCT TITLES BELOW:



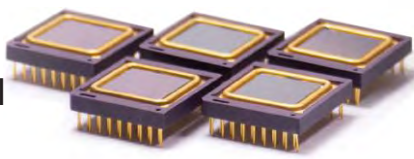
ACCOLADE LRF XQ38
Code YU77415
R.R.P. from **\$5995.00**



ACCOLADE 2 LRF XP50
Code YU77410
R.R.P. from **\$9999.95**

The NEXT LEVEL OF THERMAL IMAGING BINOCULARS

640x480 pixel @17µm
High Definition Thermal Sensor



Sharp, richly contrasted thermal imaging for enhanced identification of animals, their extremities and even the smallest details, i.e. branches, leaves, grass and terrain.



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



Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

ACCOLADE Thermal Imaging Binoculars Features

8 Color palettes

A choice of 8 colour palettes lets the user observe their field of view more effectively, allowing them to optimise the unit for specific tasks as well as react to changing observation conditions. White Hot, Black Hot and Red Hot are optimal for object detection, Rainbow and Ultramarine help increase chances for recognition & identification. Red Monochrome, Sepia and Violet are most suitable for long observation in the night.



Wi-Fi. Integration with IOS and Android Devices

Built in Wi-Fi module provides connectivity of Accolade 2 LRF XP50 Pro 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.

Comfortable for Long Observation

The dual eyepiece configuration reduces eye fatigue during longer viewing and enhances the natural look of objects. The human brain is pre-conditioned to receive visual information from two channels simultaneously. The brain then combines the information into a single image. When one eye is used to observe, the brain only receives information a single input. The increased effort from the brain to override the standard algorithm of visual perception can quickly lead to the observer feeling fatigued and uncomfortable.

IPXT Waterproof-rated

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

Wide Range of Operating Temperatures (-25 to +50°C)

Housing, power unit, optics and electronics of Accolade 2 LRF XP50 Pro are designed with regard to applications in wide range of temperatures. Accolade ensures reliable and effective performance infreezing cold up to -25°C.

Variable Interpupillary Distance

The ability to adjust the distance between eyepieces allows the user to best position the optic for individual needs. Interpupillary distance differs from person to person. Adjusting for individual fit dramatically improves viewing comfort and quality, and eliminates the potential for double-imaging.



ACCOLADE Thermal Imaging Binoculars Features / Specifications

<25^{NETD}mK Unprecedented Thermal Sensor Sensitivity

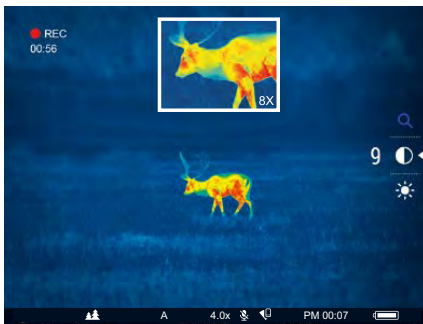
Thermal imaging sensor with NETD <25mK ensures perfect detail recognition even in the hardest weather conditions when thermal contrast is low. The smallest temperature differences will be clearly visible during the rainfall, fog or cold mornings in the most difficult conditions for thermal imager.

Quick-change High Capacity Battery (up to 9 hrs. of Operation Time)

Quick-change rechargeable battery packs provide enough power for up to 9 hours of non-stop operation. On one battery pack the unit can run the whole night without the need to be replaced. Any ordinary power bank connected via Micro USB can be used as external power supply. The IPS14 Battery Pack, available as a separate item, provides up to 18 hrs. of operation time. A battery cradle for LR6 (M) batteries is an optional accessory



BATTERY PACK IPS 14
Code YU79168
R.R.P. from **\$199.00**



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

Long Detection Range up to 1800 m

A powerful long-distance objective lens combined with a 640x480@17pm highly-sensitive thermal imaging sensor provides exceptional detection capabilities. A standard 1.8m tall object can be detected up to 1800 m away in complete darkness.

TECHNICAL SPECIFICATIONS

Model	XQ38	2 LRF XP50 PRO
SKU	77415	77461
Microbolometer, resolution, pixels @ pixel pitch, µm	384 x 288 @ 17	640 x 480 @ 12
Objective lens	F38/1.2	F50/1.2
Display, type & resolution	AMOLED 640x480	
Magnification, x	3.1-8	2.5-10
Integrated laser rangefinder	no	yes
Field of view, horizontal x vertical without zoom, °	12.4 x 9.3	
Range of detection, m	1300	1800
Weight, kg	0.6	0.7

Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),



DIGITAL NIGHTVISION

Digital Excellence

Mobile App
STREAM VISION 2



N450 Ultra / N455 Ultra / N455

DIGISIGHT ULTRA LRF

Digital Night Vision & Rangefinding Riflescope

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



DIGEX Ultra N450

Night Vision Rangefinder
Rifle Scopes
Code YU76618Q
R.R.P. from **\$2200.00**



DIGEX Ultra N455

Night Vision Rangefinder
Rifle Scopes
Code YU76641
R.R.P. from **\$2200.00**



DIGEX N455

Night Vision Rifle Scopes
Code YU76642
R.R.P. from **\$2450.00**

Over 500m Nighttime Viewing Range

Digex's combination of best-in-class nighttime sensitivity, HD-resolution display and sensor, rapid frame rate, high magnification power, wide selection of brightness and contrast settings, powerful built-in IR illuminator and long detection range (450 - 550 m) make it the perfect tool for detecting wildlife in low-light environments.

Wi-Fi. Integration with IOS and Android devices



Click on [TITLES](#) listed for more details: [WIFI](#), [STREAM VISION](#), [STREAM VISION2](#),

DIGISIGHT ULTRA LRF

**DIGITAL
NIGHTVISION**

Digital Night Vision Rangefinding Riflescopes

BATTERY PACK IPS 14

Code YU79168

R.R.P. from **\$199.00**

The IPS14 rechargeable battery pack is designed to significantly extend the self contained operating time of Pulsar digital and thermal devices such as Helion, Trail, Digisight and more.

Rangefinder

Extra precise shooting requires an exact knowing of distance. Integrated laser rangefinder allows to measure distance in single measuring mode and in scanning mode with precision up to +1 meter. In the conditions of changeable landscape, when shooting from high stands it is recommended to use THD (True Horizontal Distance) measuring mode - in this mode rangefinder, taking into account angle of shooter's elevation relative to a target (AoE; its value is also displayed on the screen) calculates true horizontal distance to an object.



Click to view [Features](#) / [Specifications](#) in more details:

- Wi-Fi. Integration with IOS and Android devices
- Supplied Powerful Long-Range IR Illuminator
- Wide-Angle Eyepiece
- Easy Mounting on a Rifle
- User Friendly Controls
- Integrated Video and Sound Recorder
- Scalable Ballistic Reticles
- Recoil rated for high-powered calibers such as 12-gauge, 9.3x64, .30-06, .300 and .375 H&H
- HD-Sensor
- Wide-Angle Eyepiece
- Accurate Zoom Zeroing
- Quick-Change Long-Life Rechargeable Battery Packs
- Variable Magnification from 4.5x to 18x
- Instant Start-Up
- Picture in Picture Mode
- Scalable Ballistic Reticles

DIGEX LRF Night Vision Features

- **Wi-Fi. Integration with IOS and Android devices**

Built in Wi-Fi module provides connectivity of Digex with Android or iOS smartphones or tablets. The smartphone and digital night vision riflescope combination offers a set of unique features such as direct image streaming, downloading and sharing recorded files, firmware update capabilities and many others.

Supplied Powerful Long-Range IR Illuminator

Digex riflescopes are supplied with a detachable, high-power, 850-nm or 940-nm IR illuminator. While an 850-nm is built for distance, the 940-nm is completely stealth, ensuring you remain undetected no matter the species of game you pursue.

Easy Mounting on a Rifle

The middle part of the Digex body is a 30 mm tube, standard for daylight optical sights. This form-factor enables the Digex to be flexibly mounted on various types of hunting weapons using proven solutions.

User Friendly Controls

Digex is easy to use. Turn on-off, video recording, zoom setup and PiP mode are activated by dedicated buttons easily accessible on the upper part of riflescope housing. Other functions are managed by the controller, which operates as both a wheel and button.

Integrated Video and Sound Recorder

Digex riflescopes feature a built-in recorder to capture still images and HD quality videos with sound. Footage can be transferred to PC/laptop or mobile device via a wired connection or via Wi-Fi.

Wide-Angle Eyepiece

While complex in design, the Digisight Ultra's six-lens eyepiece increases your field of view by 20% over previous Digisight Ultra models. The eyepiece, combined with an HD AMOLED display, delivers a richly contrasted high-resolution image.

HD-Sensor

The highly sensitive CMOS sensor featuring 1280x720 HD resolution delivers a high definition image with precise detail rendering.

Accurate Zoom Zeroing

Digisight riflescopes can be zeroed at base magnification or while zoomed in on your target without worrying about reticle shift. Note: Windage and elevation click values decrease as zoom increases. At maximum magnification, adjustments are at 0.1 MOA.

Quick-Change Long-Life Rechargeable Battery Packs

Digisight Ultra LRF uses an advanced self-contained autonomous B-Pack power supply system. The rechargeable battery IPSTA (6.4 Ah) fits into a special slot in the riflescope's body without protruding and delivers over 8 hrs. of operation from a single charge in the maximum consumption mode. Quick-release and wireless design, long operating time are the major highlights of this power system.

Variable Magnification from 4.5x to 18x

The Digisight Ultra features both optical magnification and 4x digital zoom ranging from 4.5x to 18x. The zoom changes in 2x steps or continuously for a truly optimum, customized field of view.

DIGEX LRF Night Vision Features / Specifications

Instant Start-Up

Digisight Ultra starts up within three seconds after ON button is pressed. 5 Individual Shooting Profiles / 50 Distances. Create up to five shooting profiles for multiple rifles and cartridges, with up to ten zeroing distances.

Picture in Picture Mode

Picture-in-Picture improves accuracy by providing a magnified image of the reticle area at the top of the display. With only 1070 of the display area used by PiP, the field of view remains virtually unobstructed for simultaneous PiP and FOV viewing.

Scalable Ballistic Reticles

Like first focal plane reticles, Digisight Ultrareticles scale proportionally with device magnification changes. Reticle subtension values remain unchanged throughout the Digisight's full range of magnification, allowing for quick, easy ranging and adjusting at varying distances.

High Caliber Recoil Resistance: 12 gauge., 9.3x64, .375H&H

Recoil rated for high-powered calibers such as 12-gauge, 9.3x64, .30-06, .300 and .375 H&H, as well as smooth-bore and airsoft systems.

TECHNICAL SPECIFICATIONS

Model	N450 LRF	N455 LRF	N450
SKU	76643	76644	76642
Sensor type / resolution, pixels	HD CMOS 1280 x 750		
Display type / resolution, pixels	HD AMOLED 1024 x 768		
Magnification, x	4.5 - 18		
Field of view (horizontal), °	6.5 (at 4x)		
IR illuminator, type / wavelength, nm	LED / 850 (long-range)	LED / 940 (invisible)	LED / 940 (invisible)
Detection range, m	450-550	450-500	450-500
Dimensions, mm	388 x 78 x 78		
Weight, kg	0.95		

Digital NV Scopes & Front Attachments

FORWARD

F455S / FN455S

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:



FORWARD F455S

Night Digital NV Scopes & Front Attachment
Code YU76618Q

R.R.P. from **\$2200.00**

*coming
soon keep
watching*



FORWARD FN455S

Code YU76641

R.R.P. from **\$2200.00**

Nighttime Shooting Advantages

Using the Forward F Attachment includes several benefits over night hunting with traditional optics or even night vision devices. Attaching the Forward F to a traditional scope delivers the same creature comforts of shooting with day optics you are accustomed to, including your existing reticle and eye relief. The Forward F even allows you to continue utilizing your riflescope's variable magnification.

Powerful Invisible IR Illuminator

The Forward S is supplied with a new detachable high power invisible IR illuminator (940 nm). Three adjustable IR power levels help choose preferred effective range and illumination level of an object observed. Design of the illuminator allows spot position to be corrected in the field of view horizontally and vertically.



FORWARD Digital NV Scope Features

Forward FN as Observation Device

The Pulsar 5x30 monocular (#7101 1) included in the package can be attached to the Forward FN digital module and used as a 5x power NV device. Along with this, the Pulsar 5x30 is a fully-functional observation device.

Wi-Fi. Integration with IOS and Android devices

Built in Wi-Fi module provides connectivity of Forward F attachment with Android or iOS smartphones and tablets with the help of free Stream Vision application. In combination with a smartphone Forward F offers a set of unique features such as live image streaming to smartphone, transfer and sharing of multimedia files, firmware update, remote control of unit's settings and many other.

HD-Sensor

The highly sensitive CMOS sensor featuring 1280x720 HD resolution delivers a high definition image with precise detail rendering.

High Shock Resistance

The Forward F features exceptionally high shock resistance, capable of handling high-powered firearm recoil, up to .375-cal., including smoothbore and airsoft.

Point-of-Impact Stability

Forward F allows shooters to focus on quick target acquisition and shot placement in low-light environments without stressful, complex adjustments by utilizing a sequential layout of optical and electronic components designed to provide precise sight-alignment and ultra-easy adjustability.

Simple Mounting

To install the Forward F onto the front optical bell of a day telescopic sight or spotting scope, specially designed mounting assemblies (bought separately) are used. The assemblies are the adapters with various diameters with a set of reducing rings (the rings can be used as necessary depending on the diameter of the optical bell). The adapter is permanently attached to the optical bell of a telescopic sight. This allows the Forward F attachment to be quickly installed in front of the lens for nighttime shooting. When the attachment is not used, the adapter accommodates a protective cap that covers the lens of an optical sight in the daytime.

Built-In Video Recorder

Capturing still images and video is seamless with the Forward Fb built-in video recorder. Image and video content is stored internally and can easily be transferred to PC/laptop via wired connection or Wi-Fi.



FORWARD

Digital NV Scopes & Front Attachments

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:

BATTERY PACK IPS 7

Code YU79166

R.R.P. from **\$160.00**



The IPS14 rechargeable battery pack is designed to significantly extend the self contained operating time of Pulsar digital and thermal devices such as Helion, Trail, Digisight and more.

WIRELESS REMOTE CONTROL

The ergonomic Pulsar BT wireless remote control with encoder wheel puts the full range of Forward operation at your fingertips when comfort and convenience means taking hands-off the controls.



Code YU79047 R.R.P. from **\$79.95**

TECHNICAL SPECIFICATIONS

Model	F4553	FN4553
SKU	78189	78199
Sensor type / resolution, pixels	CMOS 1280x720	
Objective lens	F50/1.0	
Magnification, x	-	5
Field of view, °	6.3	
Recommended magnification of the day sight /scope, x	2 – 8	-
Detection range, m	900	
IR Illuminator type / wavelength, nm	LED / 940 (invisible)	
Weight (with IPS7 battery pack), kg	0.83	1.03 (with Pulsar 5x30)

ACCESSORIES

DEALER ONLY: TO FIND YOUR NEAREST DEALER OR MORE DETAILS & VIDEO CLICK PRODUCT TITLES BELOW:

Thermal Imaging Lenses

Interchangeable objective lenses for Helion XP series.



F38 Thermal Imaging Lens

F38/1.2. Provides magnification 1.9 - 15.2x and detection distance up to 1350 m. Quick bayonet mounting. Waterproof.

Code YU79054
R.R.P. from **\$1185.00**



F50 Thermal Imaging Lens

F50/1.2. Provides magnification 2.5 - 20x and detection distance up to 1350 m. Quick bayonet mounting. Waterproof.

Code YU79055
R.R.P. from **\$1650.00**

Attachable Infrared Illuminators

Powerful interchangeable infrared flashlights for digital night vision riflescopes Digisight Ultra N450/N455, Digisight Ultra N450/N455 InF, digital NV attachments Forward F455 with adjustable power and precise setting of spot position in the field of view

Ultrar X850A LED 850 nm.



Code YU79077
R.R.P. from **\$275.00**

External Infrared Illuminators

interchangeable infrared illuminators for Digex digital night vision riflescopes. Smooth power adjustment. Adjustable IR spot position. Mounting diameter 30mm.

Digex-X940 IR

LED 850 nm. Invisible range
Code YU79078
R.R.P. from **\$289.00**

Digex-X850R

LED 850 nm. Long range
Code YU79077
R.R.P. from **\$275.00**

Digex Ultra X940A IR

LED 940 nm. Long range
Code YU79192
R.R.P. from **\$220.00**



Riflescopes Rifle Mounts

The mounting holes in the base of Pulsar riflescopes enables the mount to be installed in multiple positions for a customized fit and improved eye relief.

Weaver Rifle Mount

Designed for installation of riflescopes utilizing Weaver or Picatinny rails. Total length 173 mm. Length of mounting part 12 mm. Distance between the centers of locking screws 87 mm. to be installed in multiple positions for a customized fit and improved



Code YU79045
R.R.P. from **\$90.00**

MAK Adapter

Enables installation compatibility with monoblock MAK mounts (MAK Milmont, MAK Flex and others).



Code YU79046
R.R.P. from **\$90.00**

Pulsar Riflescopes Rifle Mounts

The mounting holes in the base of Pulsar riflescopes enables the mount to be installed in multiple positions for a customized fit and improved eye relief.

Prism 14/1200 Rifle Mount



Code YU79047
R.R.P. from **\$90.00**

Enables installation compatibility with monoblock MAK mounts (MAK Milmont, MAK Flex and others).

Los/Dovetail Rifle Mount



Code YU79048
R.R.P. from **\$90.00**

Allows installation of riflescopes on carbines "Los7-1", "Los 4", "Bars 4-1" and other weapons manufactured in Russia and Europe, that have upper mount "Dovetail".

Weaver SQD Rifle Mount



Code YU79045
R.R.P. from **\$90.00**

Secure quick-release mount with additional locking screws for installation on riflescopes utilizing Weaver or Picatinny rails. Total length 204 mm. Length of mounting part 145mm. Distance between the centers of locking screws 120mm.

QD Rifle Mount CZ 550



Code YU79129
R.R.P. from **\$249.00**

Quick-release mount. Allows the installation of a device on a CZ-550 carbine.

FN Cover Ring Adapters

Cover ring adapters enable installation of Forward F attachments in front of traditional optics (riflescopes, spotting scopes and binoculars). Adapters are supplied with a set of insert rings (choice of appropriate rings is determined by the outer diameter dimension of the day optic's objective housing). Once installed, the ring adapter remains on the day optic's bell for quick installation and removal of Forward F devices. When Forward F device is not in use the attached adapter also holds an included lens cover to protect your day optics.

42 mm Cover Ring Adapter



4-point quick bayonet mounting. Compatible with a wide range of day optics with the 40 - 42 mm objective lens. 45.5 mm, 46 mm, 46.5 mm, 47 mm, 48 mm, 49 mm, 50 mm insert rings included. For use with Forward F models.

Code YU79171
R.R.P. from **\$195.00**

FN 56 mm Cover Ring Adapter



4-point quick bayonet mounting. Compatible with a wide range of day optics with the 56 mm objective lens diameter. 60 mm, 61 mm, 62 mm, 63 mm, 64 mm, 65 mm insert rings included. For use with Forward F models.

Code YU79173
R.R.P. from **\$195.00**

FN 50 mm Cover Ring Adapter



4-point quick bayonet mounting. Compatible with a wide range of day optics with the 50 mm objective lens diameter. 51.6 mm, 53.4 mm, 55 mm, 56 mm, 57 mm, 58 mm, 59 mm insert rings included. For use with Forward F models.

Code YU79172
R.R.P. from **\$195.00**

APS Power Supplies

Interchangeable standard power supplies for Axion, Thermion, Digex and Proton.



Battery Pack APS 2

Capacity 2 A•h. Compatible with Thermion / Digex / Digex IR illuminators

Code YU79162

R.R.P. from **\$69.95**



Battery Pack APS 3

Capacity 3.2 A'h. Compatible with Axion XM / Thermion / Digex.

Code YU79161

R.R.P. from **\$79.00**



Battery Pack APS 5

Capacity 4.8 A'h. Compatible with Axion XQ / Proton.

Code YU791657

R.R.P. from **\$66.00**



APS Battery Charger

Intended for charging the APS2 / APS3.

Code YU79165

R.R.P. from **\$66.00**



APS5 Battery Charger

Intended for charging the APS5 battery packs.

Code YU79182

R.R.P. from **\$80.00**

Wireless Remote Control



The ergonomic Pulsar BT wireless remote control with encoder wheel puts the full range of Krypton operation at your fingertips when comfort and convenience means taking hands-off the controls.

Code YU79142 R.R.P. from **\$79.95**



PB8I Power Bank

Capacity 8 A.h, Weaver mount, waterproof (IPX7), output voltage 5 V, battery level indicator. Compatible with Thermion / Trail / Core (via Core External Power Adapter) / Axion XM / Helion / Accolade / Digex / Digisight Ultra.

Code YU79110

R.R.P. from **\$169.00**

Neck Straps

Pulsar Neck Strap



Designed for use with Pulsar devices with ¼-inch tripod sockets, the Pulsar Neck Strap keeps your hands free and optic at the ready, and provides the peace-of-mind you want in case you lose your grip during operation. The neck strap is adjustable for more comfortable carry on the neck or shoulder

Code YU79081 R.R.P. from **\$22.00**

Single-point neckstrap

Strap for carrying optical devices having an eyelet for attaching the strap (Axion, steel carabiner is used to fasten the strap to the device.

Code YU79082 R.R.P. from **\$22.00**

Window Frame Mount



The Pulsar Window Mount Tripod for mounting of optical devices on outside elements of standard PVC windows or any other suitable windows. Tripod has a swivel head with ¼ inch screw with a quick-release plate.

Code YU79156 R.R.P. from **\$75.00**

Tree Frame Mount



The Pulsar Tree Mount is intended for the fixing of Pulsar devices equipped with a 1/4" tripod mount on such vertical elements as a tree trunk or branch, pillar, column etc. Mounting is effected with the aid of adjustable straps or with screws that are screwed into wooden parts of a structure through the holes in plastic parts of the Tree Mount. The Weaver rail allows additional equipment, such as Pulsar PB81 Power Bank, to be mounted..

Code YU9156 R.R.P. from **\$75.00**

The Pulsar Flat Glass Mount



The Flat Glass Mount enables devices equipped with a V+ tripod mount to be installed securely to flat surfaces, including automobile windows, glass, tile, polished metal, plastic, etc. The Flat Glass Mount can be mounted vertically or horizontally. The swivelling tripod head includes a quick-release plate with a standard Yc" mounting screw.

Code YU79152 R.R.P. from **\$75.00**

PSP Ring Adapters

PSP Ring Adapters enable installation of Krypton / Proton thermal devices in front of daylight optics (sights, spotting scopes and binoculars). Thermal imaging attachment mounted on daylight optics using a quick release PSP adapter can be removed and installed within seconds. The precise screen positioning mechanism enables the perfect alignment of the thermal or night vision image in the field of view of daylight optics for maximum viewing comfort.



PSP-42 Ring Adapter

Compatible with a wide range of day optics with the 40 - 42 mm objective lens. 45.5 mm, 46mm, 46.5 mm, 47 mm, 48 mm, 49 mm, 50 mm insert rings included.

Code YU79154 R.R.P. from **\$220.00**

PSP-50 Ring Adapter

Compatible with a wide range of day optics with the 50 mm objective lens diameter. 51.6 mm, 53.4 mm, 55 mm, 56 mm, 57 mm, 58 mm, 59 mm insert rings included.

Code YU79154 R.R.P. from **\$195.95**

PSP-56 Ring Adapter

Compatible with a wide range of day optics with the 56 mm objective lens diameter. 60 mm, 61 mm, 62 mm, 63 mm, 64 mm, 65 mm insert rings included.

Code YU79154 R.R.P. from **\$195.95**



Helion Flip-Up Phone Mount

Our Flip-Up Phone Mount allows your WiFi-connected smartphone to attach to the Helion as an outer display.

Code YU79151 R.R.P. from **\$33.00**



C-clamp Mount

Attached to your optic via a 1/4 inch mounting screw and quick-release plate, the Pulsar C-clamp Mount enables tripod head convenience on less traditional surfaces like crossbars, beams, handrails, etc.

Code YU79154 R.R.P. from **\$33.00**



Monocular Pulsar 5x30B

The Pulsar 5x30B monocular can be attached to the Krypton / Proton thermal unit and used as a 5x power thermal monocular. Along with this, the Pulsar 5x308 is a fully-functional daylight observation device.

Code YU71013 R.R.P. from **\$195.95**



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