



THERMAL  
IMAGING

Thermal Imaging Riflescopes

# THERMION 2

True  
Superiority

XP50 PRO / XG50 / XQ50 PRO / XQ35 PRO

[pulsar-vision.com](http://pulsar-vision.com)

# THERMION 2 PRO

< 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 imaging.

# THERMION 2 XG

2300 m

## 2300 metres long detection range

A powerful long-distance F50/1.0 objective lens combined with a highly-sensitive thermal imaging sensors provides exceptional detection capabilities. Depending on model, a standard 1.8m tall object can be detected on a distances of 2300 metres away in complete darkness.



## ⚡ High-precision ambidextrous lens focusing

Objective lens with internal focusing mechanism gives a clear and sharp image at any range. Ergonomic focusing wheels are located on the right and left sides, making focusing easy either left- or right-handed.

## ⚡ Up to 10 hours of battery life on a single charge

The Thermion 2 is powered with two rechargeable batteries: one built-in with a capacity of 4.9 Ah, the other replaceable with a capacity of 2 Ah. A single charge guarantees up to 10 hours of battery life, which covers the time of active use of the scope for a hunt. The embossment on the body of the replaceable battery for accurate determination of the correct position makes it possible to quickly and confidently replace a flat battery with a new one in complete darkness by touch.

## ⚡ Combined dual battery system

The Thermion 2 is powered with two rechargeable batteries: one built-in with a capacity of 4.9 Ah, and the other replaceable. A single charge guarantees up to 10 hours of continuous operating time. The embossing on the body of the replaceable batteries enables accurate determination of the correct position and enables replacing a flat battery with a new one quickly and confidently in complete darkness by touch alone.



## Wide-angle eyepiece for comfortable observation

The wide-angle eyepiece (29.5°) and wide viewing angle of the HD quality AMOLED display provide comfortable image perception and the absence of the keyhole effect with safe removal of the exit pupil of 50mm. Observation with the Thermion 2 does not strain your eyes and enables the hunter to fully concentrate on the hunting process.



## Customizable user mode for individual image adjustment

Use the brightness and contrast adjustments to maximise the detail and informative value of the image in specific observation conditions. The User Mode function saves selected brightness and contrast settings in the device's memory providing optimal image quality for the next use of the thermal imager immediately, with no additional adjustments needed.



## ⚡ 10 individual shooting profiles 100 zeroing distances

Zeroing settings are saved in a shooting profile. The Thermion 2 memory contains up to ten shooting profiles for several types of weapons or cartridges. Each profile can hold up to ten zeroing distances.

## ⚡ High-precision aiming in the Picture-in-Picture mode

The "Picture-in-picture" function enables the shooter to display a high-precision zeroing frame. Taking only 10% of the total display area, the frame shows a magnified image of the target and reticle and allows the user to closely see the image in the aiming area and have visual control of the entire field of view at the same time.

## ⚡ 3 sensitivity amplification levels

Selection of the signal amplification level combined with new smoothing filter along with fine brightness and contrast adjustments offers the hunter great opportunities for long-range detection of the game in diverse weather and temperature conditions. The amplification setting helps to define animal's trophy features and ensures clear rendering of objects and background in the field of view.



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## Distant operation from a smartphone and software updating with the Stream Vision 2 App

Built-in Wi-Fi connects the Thermion 2 to Android and iOS smartphones via the Stream Vision 2 mobile application. This opens up a wide range of options including wireless device software updates, real-time image transmission from the device to the smartphone screen, publication on social media of photo and video content captured by the device or transfer to messengers, remote control of digital device functions and access to the latest news from Pulsar. Moreover, registered users receive 16 GB of cloud storage for photos and videos recorded with the device.



### .375H&H Ready

Thermion 2 thermal riflescopes are high impact resistant and can be used with rifled hunting weapons with calibers of 9.3×64, .30-06, .300, .375H&H, etc., as well as with smooth-bore and pneumatic weapons.



### Also:

- Fast aperture F35/1.0 and F50/1.0 germanium lenses
- Mounting on standard 30 mm rings
- Variable magnification: up to x4 / x8 digital zoom
- Photo and video recording
- A selection of 10 reticle shapes in 9 colour modes
- High contrast HD AMOLED display
- A selection of different colour palettes
- Dual Wi-Fi waveband support 2.4 / 5 GHz
- Operation in extreme temperatures -25 to +50°C
- IPX7 submersion waterproof rated

Model	XP50 PRO	XQ35 PRO	XQ50 PRO	XG50
<b>SKU</b>	<b>76547</b>	<b>76541</b>	<b>76548</b>	<b>76549</b>
Microbolometer, resolution, pixels	640×480	384×288		640×480
Pixel pitch, µm	17	17	17	12
Sensor NETD, mK	<25	<25	<25	<40
Display, type / resolution, pixels	AMOLED 1024×768			
Objective lens	F50/1.0	F35/1.0	F50/1.0	F50/1.0
Magnification, x	2 – 16	2.5 – 10	3 – 12	3 – 24
Field of view, °	12.4×9.3	10.7×8.0	7.5×5.6	8.8×6.6
Range of detection, m	1800	1350	1800	2300
Body material	Aluminum Alloy			
Weight, kg	0.9	0.75	0.9	0.9

SPECIFICATIONS