

⚡ Rifle Mount

Based on the endless differences between people and the anthropometric data related to their body mechanics, measurements, etc., Pulsar developed a mounting system with generous adjustability to suit virtually any shooter lining up behind a Pulsar optic.



Thermal Imaging Riflescopes **APEX LRF**



THERMAL
TECHNOLOGY

Thermal Imaging Riflescopes **APEX LRF**

LRF XQ38 / LRF XQ50

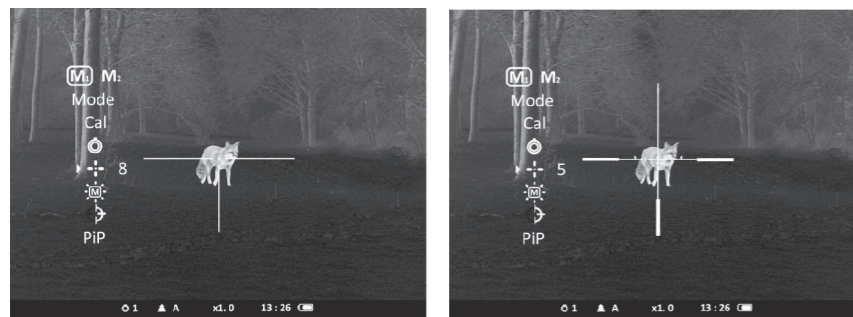


⚡ Integrated Laser Rangefinder

Precision shooting begins with knowing the distance to your target. The Apex LRF features an integrated laser rangefinder capable of capturing and displaying target distances accurately, within ±1m, up to 1000m.

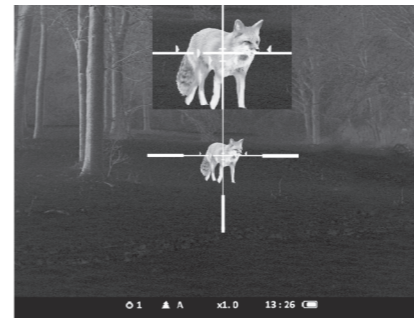
⚡ Selectable Reticles

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



⚡ Picture-in-Picture Function

Picture-in-Picture improves accuracy by providing a 2x magnified image of the reticle area at the top of the display. With only 1/10 of the display area reserved for PiP, the field of view remains virtually unobstructed for simultaneous PiP and FOV viewing.



⚡ Zeroing with “Freeze” Function

While one-shot zeroing is a standard on all Pulsar digital riflescopes, the Apex adds an additional “Freeze” feature. After the initial zeroing shot, a freeze-frame of the display can be used to align the reticle with the point of impact without requiring the firearm to remain still.

⚡ High Target Detection Distance

Depending on model, Apex Thermal Riflescopes with Increased Recognition and Detection Software (IRIS) are capable of detecting big-game-size heat signatures over 1300+ m away.

⚡ 3 Types of Zeroing Parameters Memorization

Save three individual firearm/ammunition zeroing profiles, including different reticles, at up to five distances, in the Apex’s memory. Zoom zeroing support ensures precise zeroing accuracy.

⚡ EyeSafe Eye Relief

One of the best in its class, Apex Thermal Riflescopes feature generous 67 mm eye relief. When it comes to confidence, comfort and heavy recoil, Eyesafe delivers the peace-of-mind you need on the hunt to make every shot count.

⚡ Wireless Remote Control

An ergonomic, wireless remote control puts basic Apex controls at your fingertips for comfortable, convenient, hands-off operation.

⚡ Video Out

The Apex is equipped with a video output to enable connectivity with an external display or recording device.

⚡ High Shock Resistance

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

⚡ Wide Range of Operating Temperatures

With a frost-resistant AMOLED display, Apex Thermal Imaging Riflescopes are designed to deliver flawless performance at an extreme temperature range of -25°C – +50°C.

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⚡ Display Off

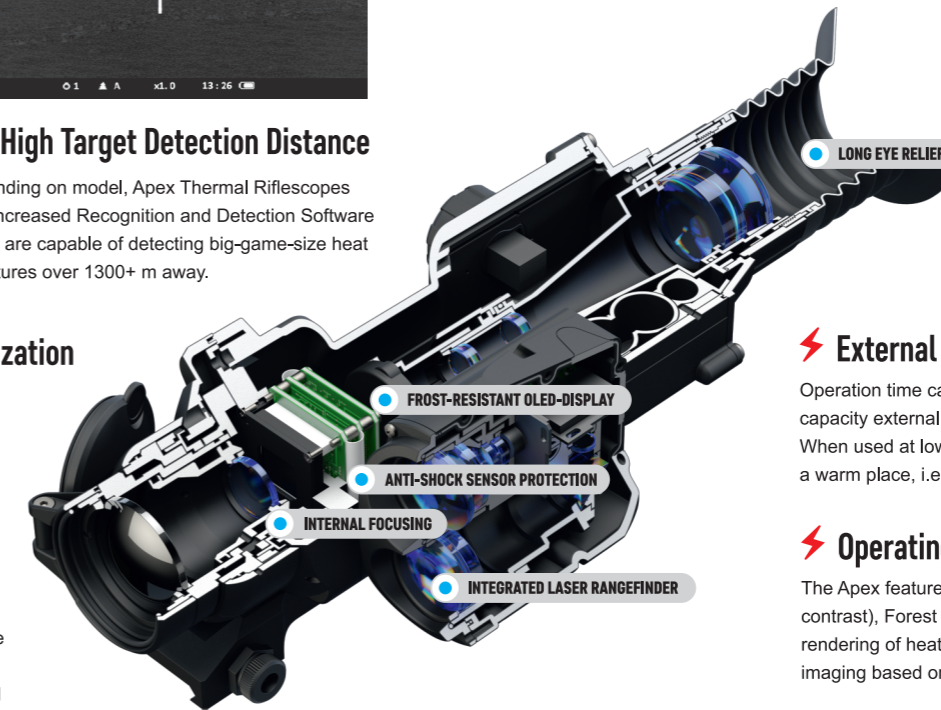
During short periods of inactivity and better concealment, Display Off powers down the display without interrupting other operating functions. Using Display Off means a much faster restart time when you need it most.

⚡ External Power Supply

Operation time can be significantly prolonged by using high-capacity external power supply units, i.e. Pulsar EPS3I/ EPS5). When used at low temperatures, the power supply can be kept in a warm place, i.e. under clothing, to prevent rapid discharge.

⚡ Operating Modes

The Apex features three operating modes: Rocks (enhanced contrast), Forest (low contrast) and Identification (improved rendering of heat signature details). Each mode optimizes imaging based on viewing conditions.



SKU	76419	76429
Model	LRF XQ38	LRF XQ50
Objective lens	F38/1.2	F50/1.2
Microbolometer resolution, pixels @ pixel pitch, μm	384x288 @ 17	384x288 @ 17
Frame rate, Hz	50	50
Magnification, x	2.1 – 8.4	2.8 – 11.2
Integrated laser rangefinder	yes	yes
Range of detection, m	1300	1600
Dimensions, mm	335x110x75	343x110x75
Weight (without batteries & mount), kg	0.75	0.85