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NEW

Thermal Imaging Riflescope

# TRAIL 2 LRF

The
NEXT LEVEL
OF THERMAL
PRECISION

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## Highly Sensitive Thermal Imaging Sensor

An advanced NETD <40mK 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.

## Full-Color, HD AMOLED Display

Trail 2 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.

## 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.

## 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.

## 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

IPX7 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).

## 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.

# Integrated Laser Rangefinder

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

## Mobile-Friendly with Remote Control and Live Internet Streaming

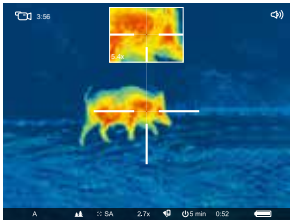
The free Stream Vision App, compatible with both Android and iOS systems, allows users to connect personal smartphones and tablets to Pulsar devices featuring onboard Wi-Fi. When connected, Stream Vision allows users to stream video and images in real time to YouTube, transfer files, update important firmware and control the optic remotely. For more information, refer to the Stream Vision section of our catalog.

STREAM VISION

Available on the App Store

ANDROID APP ON Google play

## 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 1/10 of the display area reserved for PiP, the field of view remains virtually unobstructed for simultaneous PiP and FOV viewing.

## 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.

## 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.

## Zeroing Profiles Management

Store up to 5 zeroing profiles, with 10 distance coordinates each for varying situations, in internal memory for quick rifle change-outs and on-the-fly adjustments.

* 76516, 76518 and 76519 models feature up to 3 zeroing profiles / up to 5 distances each.

## 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.

-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.

## 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.

## B-Pack Power Suply

Trail includes a progressive autonomous B-Pack power supply consisting of a quick-detach, rechargeable IPS7, 6.4 A-h battery pack designed to deliver over 10 hrs. of operation on maximum mode. Higher-powered IPS14 battery pack, as well as AA battery case, also are available and provide a perfect off-the-grid power solution.

50Hz

## High Image Frequency

At a high refresh rate of 50Hz, the Trail provides comfortable viewing throughout dynamic, rapid motion.

TECHNICAL SPECIFICATIONS

| Model | 2 LRF XQ50 | 2 LRF XP50 |
|---|---|---|
| **SKU** | **76558** | **76559** |
| Microbolometer, resolution, pixels @ pixel pitch, µm | 384x288@17 | 640x480@17 |
| Objective lens | F50/1.2 | |
| Display, type & resolution | Full-color AMOLED 1024x768 | |
| Magnification, x | 3.5 - 14 | 2 - 16 |
| Field of view (horizontal & vertical without zoom), ° | 7.5x5.6 | 12.4x9.3 |
| Integrated Laser Rangeinder | yes | |
| Range of detection, m | 1800 | |
| Weight (without mount), kg | 0.8 | |