⚡ 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.

⚡ Updatable Software

For initial setup and additional updates, the iOS and Android compatible Stream Vision App ensures the most recent Trail software versions are available.

⚡ High Resolution

The Trail XP boasts an uncooled, 640x480px micro-bolometric matrix, at 17 μm, for highly detailed imaging.

⚡ 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.

⚡ High Image Frequency

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

⚡ 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.

⚡ 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.

⚡ 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.

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THERMAL TECHNOLOGY

Thermal Imaging Riflescopes

TRAIL

Clearest Image Available

STREAM VISION

Detects up to 1800 meters away

Depending on model, Trail thermal imaging riflescopes detect big-game-size heat signatures up to 1800 m away.

⚡ 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.

⚡ 3 Zeroing Profiles / 15 Distances

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

⚡ 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.

⚡ B-Pack Power Supply

Trail includes a progressive autonomous B-Pack power supply consisting of a quick-detach, rechargeable IPS5, 5.2A-h battery pack designed to deliver over 8 hrs. of operation on maximum mode. Higher-powered IPS10 battery packs, as well as CR123A and AA battery cases, also are available and provide a perfect off-the-grid power solution.

⚡ 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 minutes (IEC 60529).

⚡ Wide Range of Operating Temperatures

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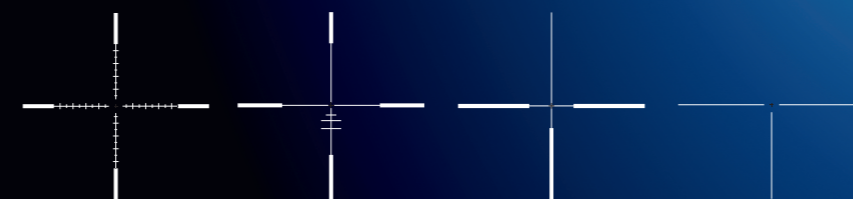
⚡ Wireless Remote Control

The ergonomic, wireless remote control, with encoder wheel, puts the full range of the Trail's capabilities at your fingertips for comfortable, convenient, hands-off operation.

⚡ 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.

⚡ Effective Temperature Sensor Stabilization

A heat sink, located on the device's body, effectively prevents heat build-up from the sensor and other components while also significantly reducing temperature and noise sensitivity, especially between calibrations.

⚡ User-Friendly Interface

The Trail is designed with ease-of-operation in mind. User feedback has resulted in the most friendly interface to date, complete with an easy-to-read, icon-driven, alpha-numeric status bar at the bottom of the display. Internal menu items and options are also displayed on a contrasting gradient substrate so you can keep an eye on settings without losing sight of your objective.

Remote Control & Live Internet Streaming

Using the free, high-tech, iOS and Android compatible Stream Vision app, the Trail connects via Wi-Fi to allow transfer of images and video to smartphones and other wireless devices in real time, stream footage to YouTube and other online video platforms, and even use your personal device as a wireless remote control!

STREAM VISION

Available on the App Store

ANDROID APP ON Google play

⚡ Stadiametric Rangefinder

Based on estimated heights of observed objects, the stadiametric rangefinding reticle makes determining precise distances fast, easy, reliable and repeatable.

SKU	76512	76501	76503	76507	76509
Model	**XQ28**	**XQ38**	**XQ50**	**XP38**	**XP50**
Objective lens	F28/1.2	F38/1.2	F50/1.2	F38/1.2	F50/1.2
Sensor resolution, pixels @ pixel pitch, µm	384x288@17	384x288@17	384x288@17	640x480@17	640x480@17
Frame rate, Hz	50	50	50	50	50
Magnification, x	1.5 – 6.0	2.1 – 8.4	2.7 – 10.8	1.2 – 9.6	1.6 – 12.8
Field of view, horiz. & vertical, without zoom, deg	13.3x10.0	9.8x7.4	7.5x5.6	16.3x12.3	12.4x9.3
Range of detection, m	800	1350	1800	1350	1800
Dimensions, mm	287x72x67	285x72x76	292x72x76	285x72x76	292x72x76
Weight (without mount), kg	0.48	0.52	0.56	0.6	0.62