



PRESSEINFORMATION

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Professional Thermal Imaging Binoculars for Ethical Hunting Applications

The QUEST series thermal imaging binoculars are recognized for their versatile functionality, high performance, and clearly structured, minimalist design. With the introduction of the **QUEST S50R**, the product line is consistently expanded to meet the increasing demands of professional users.

At the core of the QUEST S50R is a state-of-the-art Gen-2 HD sensor featuring a resolution of 1280 × 1024 @ 12 µm. Combined with a NETD ≤ 15 mK and a 60 Hz frame rate, the system delivers exceptional image clarity with highly detailed, high-contrast thermal imaging performance.

With a native 2× optical magnification and a wide field of view of up to 30 × 24 meters, the QUEST S50R enables efficient and rapid scanning of large areas. The expansive field of view supports early object detection and precise target identification, even under challenging light and weather conditions.

Offering a detection range of up to 2,600 meters, the QUEST S50R provides maximum long-distance performance. The integrated laser rangefinder enables precise distance measurements up to 1,000 meters. This supports accurate ranging, ballistic calculations, and enhanced data integration for a more intensive and safe hunting experience.

For long-term viewing comfort, the QUEST S50R features a 0.72-inch round AMOLED display with a resolution of 1920 × 1200 pixels. Individually adjustable color palettes, color tones, and brightness levels reduce eye strain and significantly enhance observation comfort during extended use.

The QUEST series also stands out due to its well-engineered ergonomic design. A non-slip housing surface, intuitive four-button layout, and centrally positioned scroll wheels ensure comfortable and secure one-handed operation — even in demanding field conditions.

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The practical dual-battery system, consisting of an integrated internal battery and a replaceable 18650 battery, ensures reliable power supply and enables seamless battery replacement for uninterrupted operation.

Weighing only 750 grams, the new QUEST S50R offers excellent carrying comfort for all outdoor activities.

Designed for sustained professional use, the thermal imaging binoculars feature a robust full-rubber coating and IP67 protection rating, ensuring reliable resistance against water and dust while providing long-term durability.

Technical Data Nocpix Quest S50R

Sensor	1280 × 1024 @ 12 µm
NETD, mK	≤ 15
Frame Rate	60 Hz
Lens Diameter	50 mm F1.1
Field of View (100 m)	30 x 24 m
Magnification	2-16x
Detection Range	2.600 m
Eye Relief	25 mm
Exit Pupil	10 mm
Diopter Compensation	+/- 5
Display	AMOLED 0,72 Zoll
Resolution	1920 x 1200 Pixel
Battery	Internal battery and replaceable battery Type 18650
Laser Range Finder (LRF)	Range 1.000 m
Storage Capacity	64 GB
Dimensions	≤ 175 x 138 x 66 mm
Weight	< 750 g