



FULLY WATERPROOF

SELF-CONTAINED POWER SUPPLY

ANTI-SHOCK SENSOR PROTECTION

FOCUSABLE LENS



FLIP-UP LENS CAP

EASY TO OPERATE

MODULAR DESIGN

COMPACT & LIGHTWEIGHT

QUICK-CHANGE EYEPIECE PART



Thermal Imaging Scopes & Front Attachments

# CORE



**THERMAL**  
TECHNOLOGY

Thermal Imaging Scopes & Front Attachments

# CORE

FXQ38 / FXQ50 / FXQ35 / FXQ55

## ⚡ Quick Transformation

Core FXQ38 and FXQ50 devices include a detachable eyepiece for lightning-quick transitions from thermal riflescope attachment to monocular. Mount and dismount the Core without losing zero!



## ⚡ Nighttime Shooting Advantages

Using the Core Front Attachment includes several benefits over night hunting with traditional optics or even thermal or night vision devices. Attaching the Core to a traditional scope delivers the same creature comforts of shooting with day optics you are accustomed to, including your existing reticle and eye relief. The Core Front Attachment even allows you to continue utilizing your riflescope's variable magnification.

## ⚡ Wide Range of Operating Temperatures

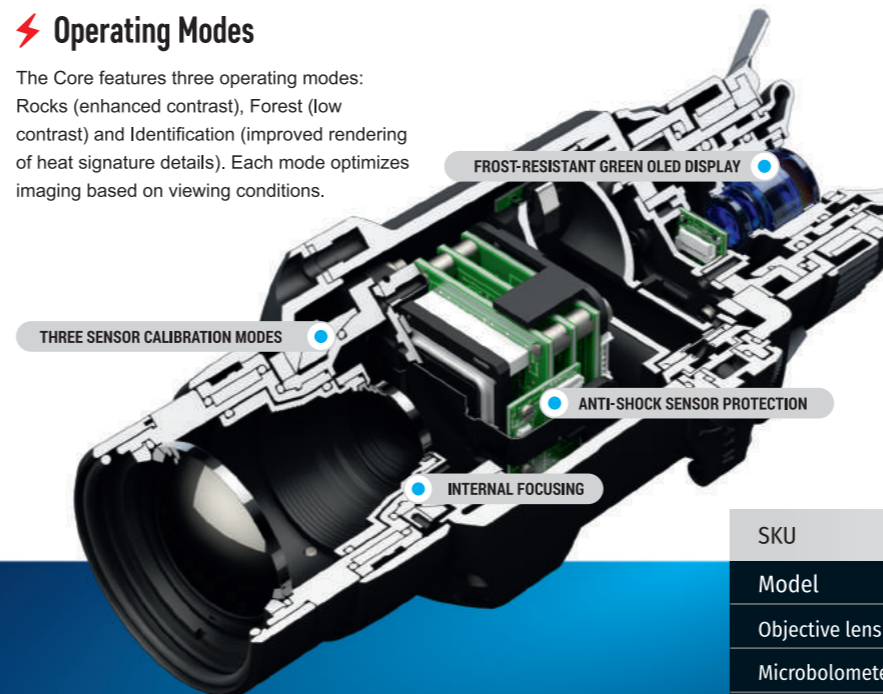
With a frost-resistant AMOLED display, the Core Thermal Imaging Scope is designed to deliver flawless performance at an extreme temperature range of -25° - +50°C.

## ⚡ Green AMOLED Display

The Core's green AMOLED screen enhances image quality, improves viewing comfort and reduces eye fatigue.

## ⚡ Operating Modes

The Core 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.



## ⚡ Calibration

The Core offers three calibration modes: Silent Manual ("M"), Automatic ("A") and Semi-Automatic ("H"). "A" mode implies calibration without user participation (process initiation, actuation of the shutter takes place automatically). In "H" mode, the user determines if calibration is required based on image quality. If calibration is needed, the operator uses the "Cal" button. In "M" mode, manual calibration is accomplished by pressing the "Cal" button when the lens cap is closed. "M" mode is recommended for hunting due to silent operation.

## ⚡ Wireless Remote Control

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

## ⚡ Fully Waterproof

IPX7 waterproof-rated protection ensures the Core Front Attachment performs perfectly in wet weather, even during intense rain, snowfall and submersion in 1 m of water for up to 30 min. (IEC 60529).

## ⚡ External Power Supply

The Core FXQ includes a universal power adapter. Operation time can be significantly prolonged by using high-capacity external power supply units, which can be attached via a weather-resistant micro-USB port and DC 2.1 x 5.5 mm.

## ⚡ An Alternative to Thermal Riflescopes

With minimal effect to the overall balance of your rifle, the compact, lightweight Core attaches to the front of your riflescope to add thermal imaging capability. The advantage of a Core Front Attachment is the ability to quickly, repeatedly mount and dismount the Core without losing zero or adjusting your shooting position.



## ⚡ Point-of-Impact Stability

The Core's precision build quality, cutting-edge design and advanced software deliver reliable, repeatable point-of-impact stability without requiring any windage or elevation adjustments from the day optic.

## ⚡ Core FXQ35/55 as Observation Device

The Pulsar 5x30 Monocular (#71011) included in the package can be attached to the Core FXQ35/55 thermal module and used as a 5x power thermal imaging scope. Along with this, the Pulsar 5x30 is a fully-functional daylight observation device.

## ⚡ Compatible with Various Day Optics

The Core is designed to turn most traditional rifle scopes, with objective lens diameters of 40 mm – 56 mm, into thermal imaging devices without effecting point-of-impact. Attach and detach the Core in seconds, without losing zero, using the Core's quick-release bayonet mount.

SKU	76453	76459	76371	76372
Model	FXQ38	FXQ50	FXQ35	FXQ55
Objective lens	F38/1.2	F50/1.2	F38/1.2	F50/1.2
Microbolometer resolution, pixels @ pixel pitch, μm	384x288 @ 17	384x288 @ 17	384x288 @ 17	384x288 @ 17
Frame rate, Hz	50	50	50	50
Magnification in monocular mode / attachment mode, x	3.1 – 6.2 / -	4.1 – 8.2 / -	5 / -	5 / -
Range of detection, yds	1000	1300	1000	1300
Recommended magnification of the day scope / sight, x	1 ... 3	2 ... 5	-	-
Power supply, V / Battery type	6 / 2xCR123A	6 / 2xCR123A	6 / 2xCR123A	6 / 2xCR123A
Dimensions, mm	185x65x60	190x65x60	310x70x65	315x70x65
Weight, without batteries, kg	0.32	0.4	0.5	0.58