FLIR

FLIR
CO-X®

The FLIR CO-X is an advanced night vision clip-on systems for mid-range night shooting. The CO-X converts your day scope into a night vision device and provides excellent acquisition capabilities for the demanding hunter, sports shooter, or security personnel. The CO-X system eliminates the requirement of removing your day scope from your rifle and replacing it with a dedicated night vision sight. The CO-X simply mounts in front of your existing day scope, with no re-zeroing required.

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INTEGRATION WITH DAY SCOPE
The CO-X is designed to mount in front of an existing day scope and extends the useful period of operation from daylight into nighttime.

- Quick conversion of daytime scope to night vision with no set-up changes
- Recommended for use with day scopes of up to 6X magnification
- IR850-XLR detachable long range infrared illuminator included

COMPACT, POWERFUL
Light and compact device with perfect balance of size and performance.

- Fast catadioptic front lens system
- Manual gain control
- Wireless remote control
- Powered by a single CR123A Lithium or AA battery

FLEXIBLE MOUNTING OPTIONS
The CO-X can be mounted in seconds without tools. It can be attached in front of a day riflescope using its quick-release mount or directly onto the day scope objective lens with the optional adapter.

- Quick-release Picatinny mount that allows for highly accurate rail positioning
- Mounts on the lenses of specified day scopes with the optional adapters

SPECIFICATIONS

General

	CO-X
Image intensifier tube	GEN 2+ or GEN 3
Magnification	Unity (1x)
Lens system	80mm, F/1.44
FOV	12°
Focus range	10m to infinity
Exit pupil	21 mm

User Interface

Operation switch	On/ Off/ Standby Mode
Remote control button	Activates/deactivates the clip-on in standby mode
Focus knob	Focuses the objective lens
Battery indicator	Indicates low battery in the FOV

System Specifications

Boresight characteristics: - Accuracy - Retention - Repeatability	Factory aligned to ½ MOA or better Permanent to within 1 MOA or better Within ½ MOA
Manual gain control	Yes
Bright light cut-off	Yes
Automatic shut-off system	Yes
Low battery indicator	Yes
Infrared illuminator	IR850-XLR Detachable Extra Long Range IR Illuminator
Remote control	Wireless

Power

Battery type	CR123 Lithium 3V (1), or AA Alkaline 1.5V (1), or any AA or CR123 type rechargeable batteries with voltage from 1.2V to 3.2V (1)
Battery life (operating)	Up to 60 hrs at 20°C

Environmental

Operating temperature range	-40°C to +50°C (-40°F to +122°F)
Storage temperature range	-50°C to +50°C (-58°F to +122°F)

Physical

Weight	0.76 kg (1.7 lbs)
Overall dimensions	150 × 100 × 83 mm (5,9 × 3,9 × 3,3 in)
Dimensions without lens caps	143 × 100 × 83 mm (5,6 × 3,9 × 3,3 in)
Weapon mount type	Picatinny, MIL-STD-1913, or Weaver rails
Height of the scope axis above rail	37.8 mm (1.5 in)
Color (housing)	Black

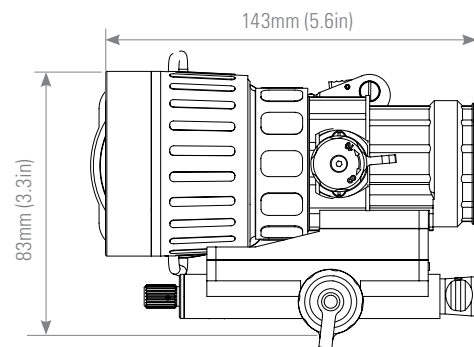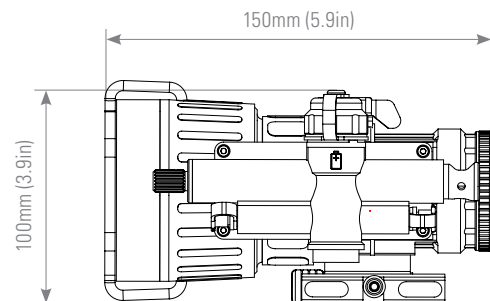Specifications are subject to change without notice.
For the most up-to-date specs, go to www.flir.com

Package Includes

Night Vision Clip-On System, Lens Cap, Light Suppressor, Special Wrench, Battery Adapter, IR850-XLR Long Range IR Illuminator, Wireless Remote Control with Picatinny Adapter, Weaver Mount #60, Operation and Maintenance Manual, Soft Carrying Case, Lens Cloth

Optional Accessories

ANAM000009 – Mounting System #1
for Daytime Optics with 25.4-30 mm Objective Diameter
ANAM000010 – Mounting System #2
for Daytime Optics with 38-42 mm Objective Diameter
ANAM000011 – Mounting System #3
for Daytime Optics with 46.7-50 mm Objective Diameter
ANAM000012 – Mounting System #4
for Daytime Optics with 56-58.7 mm Objective Diameter
ANAM000013 – Mounting System #6
for Daytime Optics with 62 mm Objective Diameter
ANAM000031 – Weaver Mount #60 replaces QRM to weaver base for IR Illuminator
ANAM000045 – Extended Rail Adapter #85 - Dovetail Weaver Picatinny Rail Adapter (extends scope base)
ANHC000004 – Hard Shipping/ Storage Case #102
ANAF18XXLR – IR850XLR Afocal Doubler - Enhances performance of IR850-XLR

150mm (5.9in)

100mm (3.9in)

143mm (5.6in)

83mm (3.3in)

$\diamond$FLIR® | The World's Sixth Sense™