ARMASIGHT by FLIR CO-MINI®

Night Vision Clip-On System

Designed for short-to-medium ranges, the Armasight by FLIR CO-MINI is the most compact commercially available Clip-On night vision Device. The CO-MINI uses image intensification technology and is designed to convert most low-to-mid power daytime sights, scopes, or binoculars to operate at night. The CO-MINI can be mounted in seconds and without tools. It can be attached in front of a day rifle scope (using its quick release Picatinny mount) or directly onto the day scope (or binocular/ telescope) objective lens with the included adaptor.

FEATURES

- Converts your day scope, sight, or binoculars into night vision-capable devices

- Mounts in front of any day scope with no re-zeroing required

- Available in a variety of high-performing Gen 2+ and Gen 3 Image intensifier tube options

- Wireless remote control

- Fixed-focus objective lens effective at distances further than 20m

- Automatic or manual (CO-MINI MG only) gain control

- Powered by a single AA or CR123A battery

- Bright light cut-off system

- Low battery indicators

- Water and fog-resistant

- Filled with dry nitrogen to prevent internal fogging

- Mounts on Picatinny/ Weaver rail with a quick-release mount

- Mounts on the lenses of specified day scopes with the optional adapters

- Long-range XLR-IR850 infrared illuminator

- Limited two-year warranty

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Specifications

Overview

Image intensifier tube	**ID MG** – Gen 2+; "Improved Definition" with manual gain **HD MG** – Gen 2+; "High-Definition" with manual gain **QS MG** – Gen 2+; "Quick Silver" White Phosphor with manual gain **3 Bravo MG** – Gen 3 with manual gain **3 Alpha MG** – Gen 3; High-Performance with manual gain **3P MG** – Gen 3; High-Performance Thin-Filmed Auto-Gated IIT with manual gain **Ghost MG** – Gen 3; "Ghost" White Phosphor with manual gain **FLAG MG** – "FLAG" Filmless Auto-Gated IIT (Advertised by competition as Gen 4); includes manual gain
Magnification	Unity (1X)
Lens system	38mm, F/1.25
FOV	22°
Focus range	20m to Infinity
Exit pupil	27.5 mm

User Interface

Operation switch	On/ Off/ Standby Mode
Brightness adjustment knob	Variable gain control
Remote control button	Activates/ deactivates the clip-on in standby mode
Battery indicator	Battery status indication in the FOV

System Specifications

Boresight characteristics: — accuracy — retention — repeatability	Factory aligned to 2 MOA or better Permanent to within 4 MOA or better Within 2 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

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 (without mount)	0.43 kg (0.95 lbs)
Weight* (with mount and light suppressor)	0.48 kg (1.06 lbs)
Size (without mount)	125×68×55 mm (4.9x2.7x2.2 in)
Weapon mount type	Picatinny, MIL-STD 1913, or Weaver Rails
Height of the scope axis above rail	42 mm (1.65 in)
Color (housing)	Black

Packages Includes

Night Vision Clip-On System, CR123A Battery, Light Suppressor, Special Wrench, IR850-XLR Long-Range IR Illuminator, Wireless Remote Control with Picatinny Adapter, Quick Start Guide, Soft Carrying Case

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 A-Focal Doubler - Enhances performance of IR850-XLR

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