

Recon[®] M3NV

UNIVERSAL NIGHT VISION MODULE



APPLICATIONS

TARGET ACQUISITION
RECONNAISSANCE
COVERT OPERATIONS
SURVEILLANCE
SPECIAL LAW ENFORCEMENT

FEATURES

High performance 18 mm Gen 3 image intensifier tube with 64 lp/mm resolution

Built-in covert infrared illuminator with safety lock

Unique external housing design

Optional adapters for a wide variety of lens types/brands

No special batteries required

It's all FLIR inside

BENEFITS

Ensures crisp, high-resolution imagery in the most demanding Low Light Level (LLL) applications

Illuminates areas where ambient light does not exist and prevents inadvertent operation

Provides exceptional degree of configuration flexibility for multiple applications including: video surveillance, LLL photography and night observation

Accepts any objective lens including the Star-Tron[®] line of high-performance, spectrally corrected night vision lenses, all SLR photographic lenses, CCTV C-mount lenses and all catadioptric lenses. The MK-880 can be used for direct viewing or coupled to SLR cameras, CCTV cameras or camcorders

Runs on common AA batteries

FLIR controls the entire supply chain on the critical technology inside the MK-880 sight ensuring fast service and long term support





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SYSTEM SPECIFICATIONS

Minimum Image Tube Resolution	64 lp/mm
Clear Starlight Observation Range	3,000 meters
Full Moonlight Observation Range	5,000 meters
f/Number	f/1.4
Magnification	11.3x
Field of View	4°
Focus Range	60 m to infinity
Objective Focal Length	300 mm

PHYSICAL CHARACTERISTICS

MTBF (Image Intensifier Tube)	10,000 hours
Weight	8 kg
Submersible	90 cm for over 30 min

POWER

Power Supply	2 AA Batteries
Battery life	40 hours continuous

INTERFACES

Command and Control	On/Off
Eyepiece Focus Adjustment	+2.00D to -5.50D
Brightness Control	Auto Brightness Control

OPTIONS

LR-600	600 mm f/1.75 Catadioptric objective lens	Up to 22.6x system magnification
LR-410	410 mm f/1.5 Catadioptric objective lens	Up to 15x system magnification
LR-300	300 mm f/1.4 Catadioptric objective lens	Up to 11x system magnification
LR-170	170 mm f/1.5 Catadioptric objective lens	Up to 6x system magnification
LR-75	75mm f/1.3 objective lens	Up to 3X system magnification
C-Mount Adapter	Accommodates any C-mount lenses including	CCTV C-mount lenses
SLR Camera Objective Lens Adapter	Adapter necessary to permit installation of SLR camera lenses	The appropriate adapter must be selected to suite the lens
Video Camera Adapter	2/3" Relay Lens	Interface between MK-880 module and a video camera
Lens assembly adapter		Interface between MK-880 module and a 35mm SLR camera or video camera
Camcorder Adapter		Connects MK-880 module to a camcorder

CORPORATE HEADQUARTERS

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