



BHM-Series

Bi-ocular Handheld Thermal Night Vision Camera



100mm Lens
Sold Separately

BHM-Series imagers make pictures from heat, not light, letting you see other boats, obstructions, land, buoys, and floating debris in total darkness, as well as through haze, smoke, and light fog.

Available with high-resolution 640 x 480 thermal sensors, BHM-Series thermal imagers are the best search and rescue tools on the water, giving you the power to search for disabled vessels and people in the water regardless of lighting conditions. BHM-Series cameras have interchangeable lenses so you can choose the right lens. They also let you visually verify radar returns and see things in the water that radar might miss.

Perfect for use on vessels of any size, the BHM-Series is a handheld, battery-powered, thermal night vision cameras give you the edge in all of your nighttime travels.

- **SAR** – When people have fallen in the water, saving time saves lives. The available high-resolution 640 x 480 thermal sensor give you four times the resolution of other FLIR handhelds, so you can scan large expanses of water at night or in glaring sunlight and find your target quickly from farther away.
- **Situational Awareness** – Easily see how far you are from the shoreline, pilings, docks, floating debris, or boats at anchor.

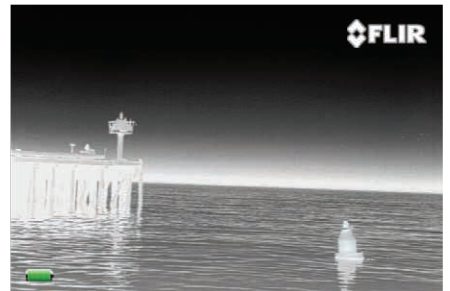
Compared to monocular (one eyepiece) cameras, the BHM-Series's unique bi-ocular (dual eyepiece) design is less tiring to use over long missions, easier to hold steady on rough waters, and gives you greater range performance. Plus, its Video Out connection makes it easy to connect to an onboard monitor or DVR.



Search and Rescue: Security in Emergencies



24-hour Vision: Your Vision vs. FLIR Vision



Collision Avoidance: See vessels, land, & buoys anytime

Call 1.877.545.5094 for more information, or visit www.FLIR.com

BHM-Series



System	BHM-X+ (35 mm)	BHM-XR+ (35 mm)	BHM-X+ (65 mm)	BHM-XR+ (65 mm)	BHM-X+ (100 mm)	BHM-XR+ (100 mm)
FOV	13° x 10° NTSC	18° x 13° NTSC	7° x 5° NTSC	10° x 8° NTSC	5° x 3° NTSC	6° x 4° NTSC
Start-up from Standby	< 1.5 seconds					
Waveband	7.5 - 13.5 μm					
Thermal Sensitivity	<50 mK @ f/1.0					
Detector Type	320 x 240 VOx Microbolometer	640 x 480 VOx Microbolometer	320 x 240 VOx Microbolometer	640 x 480 VOx Microbolometer	320 x 240 VOx Microbolometer	640 x 480 VOx Microbolometer
Image Processing	FLIR Proprietary Digital Detail Enhancement					
User Interface						
Power Button	On/Off/Standby					
Picture Button	Still & Video image capture to SD card					
Zoom Button	2x E-zoom	2x & 4x E-zoom	2x E-zoom	2x & 4x E-zoom	2x E-zoom	2x & 4x E-zoom
Polarity	Black Hot/White Hot/Marine Red/InstAlert					
Brightness	Adjusts Display Brightness					
Image Presentation						
Built-In Display	LCD Display					
Video Output	NTSC or PAL composite video; RCA jack					
Video Refresh Rate	<9 Hz or 30 Hz (NTSC and PAL)					
Image Polarity	White Hot/Black Hot/Marine Red/InstAlert; Selectable					
On-Screen Symbolology	Standard					
Other						
SD Card	Stores still images and video					
Power						
Battery Type	4 AA Batteries; NiMH, Li-Ion, or Alkaline					
Battery Life (Operating)	>5 Hours On NiMH batteries					
Battery Life (Stand-By)	120 hours on NiMH batteries					
Environmental						
Rating	IP-67, Submersible					
Operating Temp.	-4°F to +140°F (-20°C to +50°C)					
Storage Temp.	-40°F to +167°F (-40°C to +70°C)					
Drop	1 m drop (camera body only)					
Physical						
Weight (incl. lens)	2.84 lb (1290 g) with batteries		3.05 lb (1380 g) with batteries		3.06 lb (1390 g) with batteries	
Size (L x W x H)	10.5" x 6.5" x 2.6"		11.5" x 6.5" x 2.6"		13.0" x 6.5" x 2.6"	
Packages Include	Handheld Thermal Camera, Hot Shoe Charging & Video Output Accessory, 4 Rechargeable AA Batteries, AC Power Adapter/Charger, Neck Lanyard, DVD with Operators manual, USB Cable, RCA Video Output Cable, SD Card, Quick Start Guide, Hardshell Case, Tactical Carry Pouch (optional)					
Range Performance†						
Detect Man (1.8 m x 0.5 m)	~2,900' (880 m)	~4,200' (1.3 km)	~1.0 mi (1.65 km)	~1.4 mi (2.2 km)	~1.5 mi (2.4 km)	~1.8 mi (2.95 mi)
Detect Small Vessel (2.3 m x 2.3 m)	~1.7 mi (2.7 km)	~2.4 mi (3.9 km)	~3.0 mi (4.9 km)	~4.0 mi (6.5 km)	~4.4 mi (7.1 km)	~5.5 mi (8.8 km)

† = Actual object detection range performance may vary depending on camera set-up, environmental conditions, user experience, and type of display use. All specifications are subject to change without notice. Visit www.flir.com for the most up-to-date specifications.



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