

H-SERIES

Compact Tactical Thermal Night Vision Camera



SEE AT NIGHT, STAY SAFE

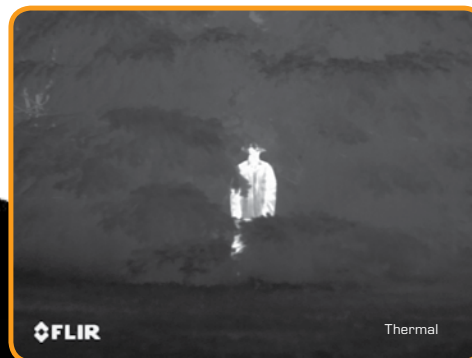
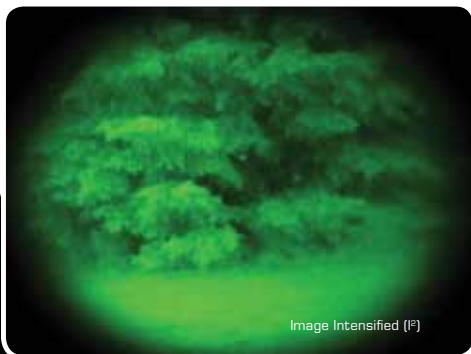
FLIR's H-Series handheld thermal imaging cameras let law enforcement officers see clearly in total darkness, giving them the undeniable tactical advantages they need to stay safe and operate effectively at night.

With true night vision finally available to every agency, officers will have the information they need to make quick decisions, enhancing mission effectiveness, maximizing operational capabilities, and improving officer safety.

H-SERIES CAMERAS LET OFFICERS:

See suspects in total darkness. H-Series provides a 320 x 240 resolution VOx microbolometer for half the cost of comparable cameras, giving officers excellent, high-fidelity thermal imagery that provides the detail necessary for cutting edge performance and improved detection and recognition ranges in total darkness, as well as through smoke, dust, and light fog.

- See better through camouflage and foliage in any lighting conditions. Because H-Series cameras see heat, not light, they're not fooled by suspects wearing dark clothes and hiding in bushes. Crooks can't hide their heat, so they can't hide from the H-Series.
- See more – and see farther – than with other night vision technologies. Because H-Series thermal cameras see clearly without any light whatsoever, they can see farther at night than technologies that need ambient light to work and they can see heat sources that these other cameras could never find.
- Deploy with the latest technology at their fingertips. With a variety of lens options, on-board image storage and on-board video capture capability built in to the camera, H-Series is the most potent imaging package available today. And now it's affordable enough for almost every agency.



H-SERIES



SYSTEM

Start up from stand-by	Base and Pro Models
Thermal Sensitivity, Waveband	<1.5 seconds
Detector Type	<50 mK @ f/1.0, 7.5 - 13.5 μ m
Image Processing	320 x 240 VOx Microbolometer
Focus, Zoom	FLIR Proprietary Digital Detail Enhancement
Video Output	Manual, 2X E Zoom
	NTSC or PAL composite video; RCA jack

POWER

Battery Type	4 AA Batteries; NiMH, Li-Ion, or Alkaline
Battery Life Operating (Stand-By)	>5 Hours on NiMH batteries, (120 hours on NiMH batteries)

ENVIRONMENTAL

Ratings	IP-67, Submersible, 1 m drop
Operational Temp.	-4°F - 140°F (-20°C - 60°C)

PHYSICAL

Weight (incl. lens)	1.45 lb (653 g) with batteries; add 0.7 lb (315 g) for 2x extender
Size (L x W x H)	10.42" x 3.33" x 2.62" (256 x 84.5 x 66.5 mm)

LENS CHOICE

	HS-324	HS-307
FOV	24° x 18°	7° x 5°
FOV (w/Optional 2x Extender)	12° x 9°	N/A

BASE MODEL

H-Series Handheld Thermal Camera (with choice of lens), Hot Shoe Charging & Video Output Attachment, 4 Rechargeable AA Batteries, AC Power Adapter/Charger, Car Adapter/Charger, Neck Lanyard, Manual, USB Cable, Video Output Cable

PRO MODEL

Everything in Pro Model, plus Tactical Carrying Pouch, image save function, video save function with real-time stamp, USB2 port enabled

ADDITIONAL FEATURES IN PRO MODEL ONLY

Still Image Storage, Format	SD Card, JPEG; 320 x 240 resolution
Video Storage, Format	Approx. 8 seconds/Mb on SD Card, 320 x 240 MPEG-4

RANGE DETECTION

	HS-324	HS-324 (w/ 2x extender)	HS-307
Detect Man (1.8 m x 0.5 m)	~1,480' (450 m)	~2,890' (880 m)	~4,750' (1.5 km)
Recognize Man (1.8 m x 0.5 m)	~370' (112 m)	~720' (220 m)	~1,210' (370 m)
Detect Vehicle (2.3 m x 2.3 m)	~4,200' (1.3 km)	~1.5 mi (2.5 km)	~2.4 mi (3.9 km)
Recognize Vehicle (2.3 m x 2.3 m)	~1,080' (330 m)	~2,100' (640 m)	~3,410' (1.0 km)

Actual range may vary depending on camera set-up, environmental conditions, user experience, and type of display used.

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