

H-SERIES

Compact Handheld Thermal Night Vision Camera



SEE AT NIGHT; STAY SAFE

FLIR's H-Series handheld thermal imaging cameras let security 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 affordable enough for every security team, officers will have the information they need to make decisions quickly and accurately, enhancing mission effectiveness, maximizing operational capabilities, and improving officer safety.

H-Series is ideal for every security operation. Whether operating in an industrial site, nuclear facility, petro-chemical plant, office campus, or anywhere else, H-Series provides on-the-go thermal night vision to every security professional.

H-SERIES CAMERAS LET SECURITY OFFICERS:

- See intruders 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, as well as improved range performance in total darkness, even seeing through smoke, dust, and light fog.
- See through camouflage and foliage in any lighting conditions. Because H-Series cameras see heat, not light, they're not fooled by intruders wearing dark clothes and hiding in bushes. People 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 and video capture capability, and optional wireless transmission all built in to the camera, H-Series is the most potent hand-held imaging package available today. And now it's affordable enough for almost every facility.

For additional technical information, or to see a demonstration of this revolutionary new thermal night vision camera, contact your FLIR™ representative today. You can also visit www.FLIR.com to watch product videos, and see how thermal imaging can help you see at night and stay safe.



Flashlights only illuminate a small area, plus they give away your position; H-Series lets you see clearly in total darkness while staying covert.

H-SERIES



SYSTEM

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

POWER

Battery Type	4 AA Batteries; NiMH, Li-Ion, or Alkaline
Battery Life Operating (Stand-By)	>6 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

PATROL 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

COMMAND MODEL

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

ADDITIONAL FEATURES IN COMMAND 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
Wireless RF Transmission Frequency, Format, Range	2.4 GHz, 320 x 240 MPEG-4, Approx 33'

RANGE DETECTION

	HS-324	HS-307
Detect Man (1.8 m x 0.5 m)	1,445' (440 m)	4,330' (1,320 m)
Recognize Man	360' (110 m)	1,115' (340 m)
Detect Vehicle (2.3 m x 2.3 m)	4,070' (1240 m)	11,810' (3,600 m)
Recognize Vehicle	1,050' (320 m)	3,180' (970 m)

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

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