



**BLACKFOX
TACTICAL**



Product Sheet for:

FLIR HS-324 Patrol 19mm Thermal Camera

FLIR Systems is dedicated to EO/IR [imaging systems](#). Whether it's for **military and government systems, commercial security and vehicle vision applications**, or **thermography sensors** for industrial and scientific uses, **FLIR** has a single-minded focus on this technology and the people who use it in real world situations. **FLIR Systems** understand how critical it is to them and their missions, and how to help ensure mission success. **FLIR System Thermal Imaging** are Commercially Developed/Military Qualified (CDMQ). **FLIR** pioneered this concept, where they invest their own R&D funds to design and qualify products to MIL SPEC or beyond. This process ensures a flow of the very best technology to accomplish your mission, at the lowest cost. **Flir** has partnered with their customers around the world for decades. **FLIR** is a global company. **FLIR System** has thousands of systems operating in over 70 countries. **FLIR** has factories in the U.S. and in Sweden, and service centers strategically located around the world. **FLIR's** systems have proven performance in all global climates, and they understand the challenges you face, sometimes operating far from home, but always 24/7.



FLIR HS-324 Patrol 19mm hand-held Thermal Imaging Camera lets **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 by **FLIR** Allow Law Enforcement and Military Officers see suspects in total darkness. **H-Series FLIR Thermal Cameras** 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 **FLIR H-Series cameras** see heat, not light, they are 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 Thermal Imaging** by **FLIR**.

See more - and see farther - than with other **night vision technologies**. Because **FLIR HSeries 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



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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,

FLIR H-Series Thermals Devices is the most potent **imaging package** available today. And now it's affordable enough for almost every agency.

Specifications for FLIR Patrol HS-324 19mm Thermal Camera:

System

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 in Stand-By)

Environmental

Ratings: IP-67, Submersible, 1 m drop

Operational Temp: -4F - 140F (-20C - 60C)

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)

FOV: 24 X 18

FOV (w/Optional 2x Extender): 12 X 9 N/A

Range detection

Detect Man: (1.8 m x 0.5 m) 1,445'(440 m)/2,890' (880 m)

Recognize Man: 360' (110 m)/720' (220 m)

Detect Vehicle: (2.3 m x 2.3 m) 4,070' (1240 m)/8,140' (2480 m)

Recognize Vehicle: 1,050' (320 m)/2,100' (640 m)



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Features of FLIR HS324 Patrol 19 mm Thermal Device:

- Shuttered Eyepiece: Keeps light from coming out of the viewfinder, helping the operator to stay covert.
- Multiple lens options available: Choose the 19mm lens with 24 degree field of view (and its optional 2x optical extender).
- Rugged design: All-weather design is built to withstand the demands of day-in, day-out law enforcement operations. It's even submersible.
- Hot Shoe Attachment: The included "hot shoe" attachment provides power-in and RCA composite video-out connections while maintaining the camera's tripod mounting capability.
- Two-sided Hand Strap: Accommodates both left-handed and right-handed users.
- Battery Compartment: Four rechargeable AA NiMH batteries are good for more than six hours of continuous operation. H-Series also runs on standard non-rechargeable alkaline and Lithium Ion AA batteries.
- Power: 6+ Hours of Operation / 5+ Days in Standby / Instant-On from Standby
- Zoom: 2X Electronic Zoom
- Brightness: Adjusts 8 Levels of Screen Brightness
- Polarity: Switches between white-hot and black-hot display modes

Package Contents:

FLIR HS-324 Patrol 19mm Thermal Imaging Device

- 4 AA Batteries
- Instruction Manual
- Packing box