H-SERIES
Compact Tactical Thermal Night Vision Camera

CHOICE THE PACKAGE THAT MEETS YOUR MISSION REQUIREMENTS

H-Series cameras can be configured to provide users with the tactical capability and flexibility they need.

**PATROL model with viewer only:**
- The H-Series PATROL camera package contains all necessary features for covert, all-weather, 24/7 thermal surveillance. Choose either the standard 24/7 lens or the long-range 7° version, depending on your mission requirements. An optional 2X optical extender is available for the 24/7 lens version. In addition to the H-Series thermal camera, the PATROL camera package includes:
  - **Hot Shoe Accessory:** Provides convenient power input and video output.
  - **Four rechargeable AA NiMH batteries:** Provides more than 4 hours of camera operation on a single charge.
  - **AC power adapter:** Fully charges the batteries in under two hours.
  - **Vehicle power adapter/charger:** For field charging and battery management.
  - **Neck lanyard:** Safeguards your investment.
  - **Field upgradeability:** Upgrade to the COMMAND model and wireless video transfer.
  - **FLIR H-Series Operator’s Manual.**

**COMMAND model with still frame and full video storage:**
- The H-Series COMMAND package has additional features activated that let officers capture and store thermal images and video for use as evidence.
  - **Still image capture:** Allows officers to capture and store thermal images in JPEG format on a removable SD card with the touch of a button. A 4 GB SD card will hold up to 20,000 380 x 340 JPEG images.
  - **Video storage:** With the push of a button, the H-Series can record live thermal video in MPEG-4 format to the SD card.
  - **Real-time clock:** Encodes the date and time on captured still images and video.
  - **Built-in radio transceiver enabled:** Permits the use of the wireless video receiver option.

**THE POWER OF THERMAL IMAGING IN THE PALM OF YOUR HAND**
1. **Audible Strobe:** Enjoy the thrill of capturing scenes with your H-Series thermal imager, even in the dark.
2. **Multiple lens options available:** Choose from 24/7, 120°, or 140° lenses to provide the optimal solution for your environment's needs.
3. **User-friendly operation:** The rugged design and mounting system make it easy to use and convenient to fit in the palm of your hand.
4. **Hot Shoe Accessory:** The included "hot shoe" accessory provides proven and fully compliant video connections, allowing the H-Series to be used with most thermal cameras and recorders.
5. **Remote Focus Control:** Enables the transmission of thermal images up to 500 feet through the use of the optional wireless video receiver.
6. **Two-sided Head Strap:** Accommodates both left-handed and right-handed users.
7. **SD Card Slot:** Allows for easy upload and downloading of captured thermal images and video evidence on the removable SD card.
8. **USB Connectivity:** Rapid transfer of still images and video from the H-Series to a PC.
9. **Battery Cautions:** Rechargeable AA NiMH batteries are required for more than 4 hours of continuous operation. H-Series users may choose standard non-rechargeable alkaline and lithium ion AA batteries.

*Command model only

- 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.
**SPECIFICATIONS**

### H-SERIES

**SYSTEM**
- Start up from stand-by: <1.5 seconds
- Thermal Sensitivity, Waveband: <50 mK @ f/1.0, 7.5 - 13.5 µm
- 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-on, 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 68.5 mm)

**LENS CHOICE**
- **HS-324**
  - FOV: 24° x 18°
  - FOV (w/Optional 2x Extender): 12° x 9°
- **HS-307**
  - FOV: 7° x 5°
  - FOV (w/Optional 2x Extender): 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**
  - Detect Man (1.8 m x 0.5 m): ~1,480' (450 m)
  - Detect Vehicle (2.3 m x 2.3 m): ~4,200' (1.3 km)
- **HS-324 (w/ 2x extender)**
  - Detect Man (1.8 m x 0.5 m): ~2,890' (880 m)
  - Detect Vehicle (2.3 m x 2.3 m): ~8,400' (2.5 km)
- **HS-307**
  - Detect Man (1.8 m x 0.5 m): ~720' (220 m)
  - Detect Vehicle (2.3 m x 2.3 m): ~1,210' (370 m)

*Actual range may vary depending on camera setup, environmental conditions, user experience, and type of display used.*

Please call for additional information.