

# BHS-SERIES

Bi-Ocular Thermal Night Vision



## SEE FARTHER AT NIGHT

The FLIR BHS-Series Thermal Imaging Camera brings your other eye into play. Featuring a full coverage eyepiece, inter-ocular adjustment, ergonomic comfort, quick-disconnect lenses, and the unrivaled performance that only FLIR's high-resolution thermal cores can deliver, the BHS is a must-have for:

- Extended patrols
- Covert surveillance
- Critical infrastructure protection
- High-threat security missions

The advanced image-processing algorithms in BHS provide crisp, clear thermal video day and night, at more than a mile away. So you can observe without being detected and act decisively when the time is right.

Visit [www.FLIR.com/BHS](http://www.FLIR.com/BHS) for more information, including a product selector guide, interactive simulator, case studies, videos and more.



1.888.610.7664



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## SPECIFICATIONS

<b>System</b>	<b>BHS-X Command</b>	<b>BHS-XR Command</b>
<b>Detector Type</b>	320 x 240 VOx Microbolometer	640 x 480 VOx Microbolometer
<b>E-Zoom</b>	2x	2x, 4x
<b>Start-up from Standby</b>	<2 seconds	

## IMAGE PRESENTATION

<b>Image Optimization</b>	FLIR Proprietary Digital Detail Enhancement	
<b>Viewfinder Video Output</b>	30 Hz (320 x 240)	
<b>External Video</b> (via RCA jack)	320 x 240 NTSC or PAL	640 x 480 NTSC or PAL
<b>Polarity</b>	White Hot, Black Hot	

## FILE STORAGE

<b>Still Image / Video Format</b>	JPEG/AVI (320 x 240 resolution)	JPEG / AVI (640 x 480 resolution)
<b>Still Image / Video Storage</b>	SD or SDHC Card	

## PHYSICAL

<b>Weight</b> (w/o lens)	2.20 lbs	2.20 lbs
<b>Size</b> (L x W x H)	11.0" x 6.5" x 2.63"	11.0" x 6.5" x 2.63"
<b>Warranty</b>	1-year Standard; 3/10-year with Registration†	
<b>POWER</b>		
<b>Battery Type</b>	4 Rechargeable AA NiMH Batteries (included)	
<b>Battery Life</b> (Stand-By)	4-5 Hours Typical (100 + Hours)	

## ENVIRONMENTAL

<b>Rating</b>	IP-67 (with lens attached only)
<b>Operating / Storage Temp.</b>	-4°F - 140°F (-20°C - 60°C) / -40°F - 167°F (-40°C - 75°C)

## Camera Package Includes:

BHS-X or BHS-XR Series Handheld Thermal Camera (lens purchased separately), Hot Shoe Charging & Video Output Attachment, 4 Rechargeable AA NiMH Batteries, AC Power Adapter/Charger, Neck Lanyard, USB Cable, Video Output Cable, Hard Carrying Case, Product CD with Ops Manual,

<b>LENSES</b> (Purchased Separately)	<b>QD35</b>	<b>QD65</b>	<b>QD100</b>	<b>QD35</b>	<b>QD65</b>	<b>QD100</b>
<b>Size</b>	Ht. - 2.2" Dia - 3.1" Ø	Ht. - 3.3" Dia - 3.1" Ø	Ht. - 4.6" Dia - 3.1" Ø	Ht. - 2.2" Dia - 3.1" Ø	Ht. - 2.2" Dia - 3.1" Ø	Ht. - 2.2" Dia - 3.1" Ø
<b>FOV</b> (320 x 240)	13° x 10°	7° x 5°	5° x 3°	18° x 13°	10° x 8°	6° x 4°
<b>E-Zoom FOV</b> (Resolution):						
<b>2x</b>	6.5° x 5° (160 x 120)	3.5° x 2.5° (160 x 120)	2.5° x 1.5° (160 x 120)	9° x 6.5° (320 x 240)	5° x 4° (320 x 240)	3° x 2° (320 x 240)
<b>4x</b>	N/A	N/A	N/A	4.25° x 3.25° (160 x 120)	2.5° x 2° (160 x 120)	1.5° x 1° (160 x 120)

## Lens Package Includes:

QD35, QD65 or QD100 Lens (as selected at purchase), Lens Cap, Lens Cover, Lens Cloth

## RANGE PERFORMANCE

<b>Detect Man</b> (1.8 m x 0.5 m)	~850 yds	~1,400 yds	~1.2 mi	~1,200 yds	~1.1 mi	~1.5 mi
<b>Detect Vehicle</b> (4 m x 1.5 m)	~1.3 mi	~2.4 mi	~3.2 mi	~1.5 mi	~2.9 mi	~3.7 mi

Actual range may vary depending on camera setup, focus adjustment (if available), environmental conditions (i.e., humidity, rain, snow, fog, etc.), user experience, and display method.

†Register camera at [FLIR.com/cs/warranty](http://FLIR.com/cs/warranty) to upgrade to a 3-year Parts & Labor, 10-year detector warranty for free.

Note: The thermal images shown are for illustrative purposes only, and may not have been taken by the camera series depicted. Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited.  
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