

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 for more information, including a product selector guide, interactive simulator, case studies, videos and more.



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SPECIFICATIONS

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

IMAGE PRESENTATION

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

FILE STORAGE

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

PHYSICAL

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

ENVIRONMENTAL

Rating	IP-67 (with lens attached only)
Operating / Storage Temp.	-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,

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	QD35			QD65			QD100		
LENSES (Purchased Separately)									
Size	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	Ht. - 2.2" Dia - 3.1" Ø	Ht. - 2.2" Dia - 3.1" Ø	Ht. - 2.2" Dia - 3.1" Ø
FOV (320 x 240)	13° x 10°	7° x 5°	5° x 3°	18° x 13°	10° x 8°	6° x 4°	18° x 13°	10° x 8°	6° x 4°
E-Zoom FOV (Resolution):									
2x	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)	9° x 6.5° (320 x 240)	5° x 4° (320 x 240)	3° x 2° (320 x 240)
4x	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)	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

Detect Man (1.8 m x 0.5 m)	~850 yds	~1,400 yds	~1.2 mi	~1,200 yds	~1.1 mi	~1.5 mi
Detect Vehicle (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 to upgrade to a 3-year Parts & Labor, 10-year detector warranty for free.

www.FLIR.com/BHS