



Eigenschaften der FLIR BHS-Serie

	BHS-X	BHS-XR
Imaging performance		
<i>Bildfrequenz</i>	9 Hz / 30 Hz für Behörden	9 Hz / 30 Hz für Behörden
<i>Detector Size</i>	320 x 240	640 x 480
<i>E-Zoom</i>	2x	2x, 4x
File Storage/Data Transfer		
<i>Still Image Format</i>	JPEG; 320 x 240 resolution	JPEG; 640 x 480 resolution
<i>Video Format</i>	320 x 240 AVI	640 x 480 AVI
<i>Detector Type</i>	Uncooled Microbolometer	
<i>Spectral range</i>	7.5 - 13.5 µm	
<i>Thermal Sensitivity</i>	<50 mK @ f/1.0	
<i>Start up from stand-by</i>	< 1.5 seconds	
<i>Image Processing</i>	FLIR Proprietary Digital Detail Enhancement	
<i>SD Card Slot</i>	Supports up to 16 Gb SDHC Card	
<i>Focus</i>	Manual	
Image Presentation		
<i>Built-In Display</i>	Color VGA LCD Display	
<i>Video Output</i>	NTSC or PAL composite video; RCA jack	
File Storage/Data Transfer		
<i>Still Image Storage</i>	SD or SDHC Card	
<i>Video Storage</i>	AVI Format; Approx. 8 seconds/Mb on SD Card	
<i>Real Time Clock</i>	yes	

USB2 Port Yes

Power

Battery Type 4 AA Batteries; NiMH, Li-Ion, or Alkaline
 Battery Life (Operating) 4-6 Hours On NiMH batteries
 Battery Life (Stand-By) 120 hours on NiMH batteries

Environmental

Rating IP-67, Submersible
 Operating Temp. -4°F – 140°F (-20°C – 60°C)
 Storage Temp. -40°F – 167°F (-40°C – 75°C)
 Drop 1 m drop

Physical characteristics

Weight (w/o lens) 998 gramms
 Size (L x W x H) 280 mm x 165 mm x 67 mm

Camera Package Includes:

Either the BHS-X or BHS-XR Series Handheld Thermal Camera (without lens - lens must be chosen/purchased separately for desired performance) with Hot Shoe Charging & Video Output Attachment, 4 Rechargeable AA NiMH Batteries, AC Power Adapter/Charger, Car adapter/Charger, Neck Lanyard, USB Cable, Video Output Cable, Hard Carrying Case, Product CD with Ops Manual, FLIR Video Player and End User Graphical User Interface (GUI)

Lens Package Includes:

Either the 35 mm, 65 mm or 100 mm Lens (as selected at purchase), Lens Cap, Lens Cover, Lens Cloth

Lens Options	BHS-X: 320 x 240 pixels			BHS-XR: 640 x 480 pixels		
	35 mm	65 mm	100 mm	35 mm	65 mm	100 mm
Size	Ht. - 65 mm, Dia - 79 mm Ø	Ht. - 84 mm, Dia - 79 mm Ø	Ht. - 117 mm, Dia - 79 mm Ø	Ht. - 65 mm, Dia - 79 mm Ø	Ht. - 84 mm, Dia - 79 mm Ø	Ht. - 117 mm, Dia - 79 mm Ø
FOV	13° x 10°	7° x 5°	5° x 3°	18° x 13°	10° x 8°	6° x 4°
FOV with Digital e-Zoom:	2x 6.5° x 5° 4x NA	3.5° x 2.5° NA	2.5° x 1.5° NA	9° x 6.5° 4.25° x 3.25°	5° x 4° 2.5° x 2°	3° x 2° 1.5° x 1°