

SCOUT

BTS-Series Handheld Thermal Night Vision Camera



SEE HEAT SIGNATURES MORE THAN 1.5 MILES AWAY

FLIR's new Scout BTS-Series gives outdoor enthusiasts even more choices and control in their thermal viewing experience. Featuring a full coverage eyepiece, inter-ocular adjustment, straightforward controls, interchangeable quick disconnect lenses, and the unrivaled performance that only FLIR's high resolution thermal cores can deliver, the Scout Bi-Ocular is a must have for any avid outdoor enthusiast. Keep track of your party, see animals, track game, and travel safely at night or in conditions with poor visibility. Employing either a 320 x 240 or 640 x 480 FLIR thermal imaging core, the Scout Bi-Ocular allows you to see more and see farther than any other night vision technology.

KEY FEATURES OF THE SCOUT BTS-SERIES:

- **Quick-Disconnect Modularity:** Customize thermal capability for specific tasks by selecting from three available lens options – 35mm, 65mm, or 100mm extended range.
- **Extended Range Options:** The BTS-X Pro provides excellent long-range viewing with sharp 320 x 240 native resolution and a 2x digital e-zoom step in 160 x 120 resolution. The BTS-XR Pro delivers even greater range performance by supplying crisp, clear 320 x 240 native resolution in the viewfinder AND in the 2x digital e-zoom mode, plus an additional 4x digital e-zoom step in 160 x 120. Full 640 x 480 resolution imagery in the BTS-XR Pro is accessible via the video jack.
- **Enhanced Lens Surfaces:** Raised rubber sleeves and captive low-profile lens caps help protect your lens investment as well as provide excellent grip/sensitivity.
- **Faster Power & Battery Swap:** A quick release hot-shoe literally makes access to AC power a “snap,” and a latched battery door provides fast access for battery changes.
- **One-Touch Recording:** The ability to capture both photos and video is standard on all Scout Bi-Ocular models.

If you are serious about the great outdoors, why limit your opportunity to only the daylight hours? Experience nature in vivid detail 24/7 with the Scout BTS-Series.



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SPECIFICATIONS

System	BTS-X Pro	BTS-XR Pro
Resolution	320 x 240	640 x 480
Size (L x W x H)	11.0" x 6.5" x 2.63"	
Weight (w/o lens)	2.20 lbs	
Operating / Storage Temp.	-4°F - 140°F (-20°C - 60°C) / -40°F - 167°F (-40°C - 75°C)	

IMAGE PRESENTATION

Polarity	White Hot, Black Hot, InstAlert™
Viewfinder Video Output (9 Hz refresh rate)	NTSC or PAL composite video

External Video (via RCA jack)	320 x 240 NTSC or PAL	640 x 480 NTSC or PAL
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FILE STORAGE/DATA TRANSFER

Still Image / Video Storage	Yes
SD/SDHC Card Enabled	Yes

COMMON FEATURES

Startup	2 seconds	
E-Zoom	2x	2x, 4x
Battery	4 AA Batteries; NiMH (included), Li-Ion, or Alkaline	
Rating	IP-67 (with lens attached only)	

INCLUDED ACCESSORIES

BTS-X Pro/BTS-XR Pro 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, FLIR Video Player Software and End User Graphical User Interface (GUI)

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LENSES

(purchased separately)

Lens Options

	QD35	QD65	QD100	QD35	QD65	QD100
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. - 3.3" Dia - 3.1" Ø	Ht. - 4.6" Dia - 3.1" Ø
Field of View	13° x 10°	7° x 5°	5° x 3°	18° x 13°	10° x 8°	6° x 4°
E-Zoom FOV (H x V)						
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)
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)

RANGE PERFORMANCE*

Detect Man	850 yds	1400 yds	2270 yds	1200 yds	2075 yds	2675 yds
Recognize Man	200 yds	400 yds	590 yds	305 yds	535 yds	710 yds

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

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Always consult federal, state, and local laws governing fishing, hunting, and shooting sports prior to the use of this thermal/infrared night vision camera to ensure full compliance with all appropriate regulations governing sportsman use. State and local laws vary, so regularly consult those specific to the region of use/activity of interest. Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. ©2012 FLIR Systems, Inc. Specifications are subject to change without notice. Visit flir.com for the most up-to-date specifications. 032812

