

# 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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1.877.766.5412

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## SPECIFICATIONS

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

## IMAGE PRESENTATION

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

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

<b>Still Image / Video Storage</b>	Yes
<b>SD/SDHC Card Enabled</b>	Yes

## COMMON FEATURES

<b>Startup</b>	2 seconds	
<b>E-Zoom</b>	2x	2x, 4x
<b>Battery</b>	4 AA Batteries; NiMH (included), Li-Ion, or Alkaline	
<b>Rating</b>	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

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

## RANGE PERFORMANCE\*

<b>Detect Man</b>	850 yds	1400 yds	2270 yds	1200 yds	2075 yds	2675 yds
<b>Recognize Man</b>	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.

www.FLIR.com

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



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