FLIR Scout Pro Series

Thermal Monoculars

www.flir.com/scout-pro



FLIR Scout Pro



FLIR Scout Pro II



FLIR Scout Pro III

Key Features

- Wireless video streaming functionality through Scout Pro App
- Easy to use menu, requires minimal training
- Rugged and reliable with IP67 rating and 2 m drop protection
- Fixed focus (Scout Pro) convenient for intense usage, manual focus (Scout Pro II and III) for flexibility

Main Applications

- First Responders
- Surveillance
- Evidence Gathering
- Active Pursuit





SPECIFICATIONS

	FLIR Scout Pro	FLIR Scout Pro II	FLIR Scout Pro III
Product name	Scout Pro	Scout Pro II	Scout Pro III
Part No.	15001-0101	15002-0101	15003-0101
Field of view	32°	18°	12°
Focal length	19 mm	35 mm	50 mm
F-number	f/1.0	f/1.0	f/1.1
Focus	Fixed focus	Manual focus	Manual focus
Human detection range	500 m (550 yds)	1000 m (1100 yds)	1500 m (1600 yds)
Minimum near focus distance	4 m (13 ft)	2 m (6 ft 7 in)	3 m (9 ft 10 in)
Frame rate	30 Hz		
Display frame rate	60 Hz		
Spectral range	7.5 – 13.5 µm		
Pixel pitch	17 µm		
Thermal sensitivity, NETD	<38 mK @ 30°C (86°F)		
Resolution	640 × 480 Vox Microbolometer		
Image processing	FLIR DDE 2.0		
User interface			
Zoom	2x, 4x 6x, 8x		
Color palettes	White Hot, Black Hot, Sepia, Heat		

Image presentation			
Built-in display	XGA 1024 × 768		
Video	XGA 1024 × 768		
Power			
Batttery life	Up to 6 h		
Battery type	Internal Li-ion cell		
Charging time	2 h 80% capacity		
Physical			
Color (housing)	Black		
Drop rating	2 m (6 ft 7 in)		
IP rating	IP67, 1/2 hour submersible under 1 m		
Operating temperature	–15°C to 45°C (5°F to 113°F)		
Size (L × W × H)	19.2 × 6.4 × 6.4 cm (11 × 6 × 3 in)	21.2 × 6.4 × 6.4 cm (8.33 × 2.51 × 2.51 in)	23.2 × 6.4 × 6.4 cm (8.33 × 2.51 × 2.51 in)
Weight (incl. battery)	498 g (1.098 lbs)	660 g (1.455 lbs)	745 g (1.642 lbs)
Tripod mounting	UNC ¼"-20	UNC ¼"-20	UNC ¼"-21
Communication & Storage			
Media gallery	Scout Pro App (iOS and Android)		
Storage media	Embedded flash		
Image modes	IR		
File formats	Standard JPEG		
Video recording	Yes		

Specifications subject to change. For the most up-to-date specifications, please visit flir.com.

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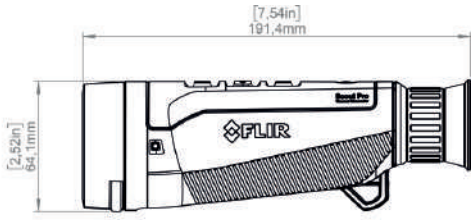
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SPECIFICATIONS, CONT.

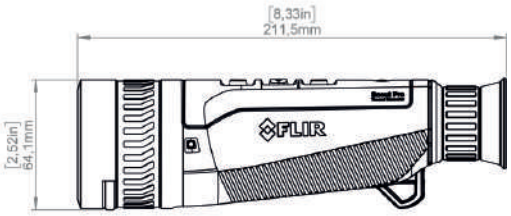
	FLIR Scout Pro	FLIR Scout Pro II	FLIR Scout Pro III
Non-radiometric IR video recording	MPEG4 AVC (ITU-T H.264)		
Storage capacity	16 GB		
Video streaming	Yes		
Non-radiometric IR video streaming	WiFi/RTSP (MPEG4 AVC (ITU-T H.264))		
USB streaming	UVC (YUV422 no overlay)		
Wireless connectivity			
Bluetooth	BLE		
Streaming	Wi-Fi		

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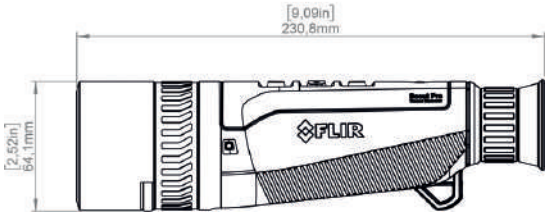
FLIR Scout Pro



FLIR Scout Pro II



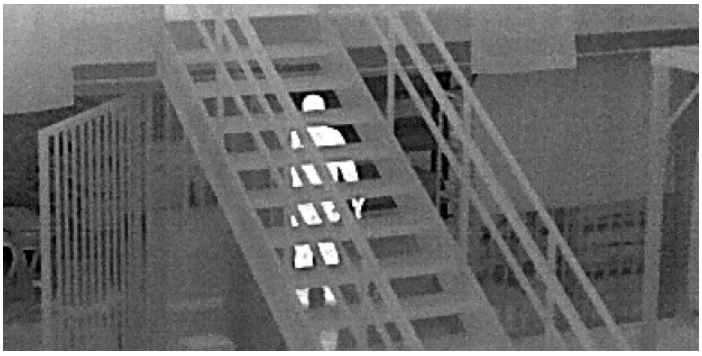
FLIR Scout Pro III



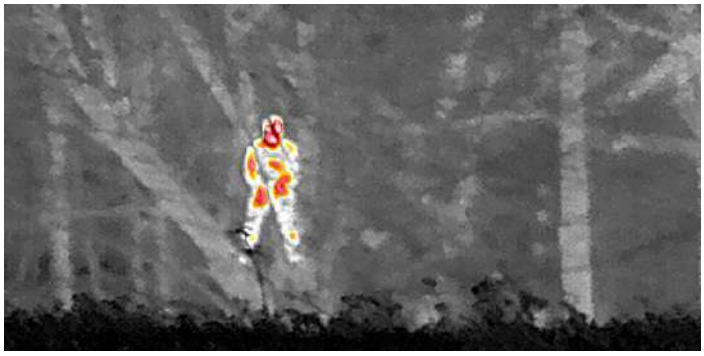
HUMAN SIGNATURE DETECTION RANGE



Ranges calculated using Johnson criteria









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