\$FLIR



THERMAL IMAGING MONOCULAR

FLIR BREACH® PTQ136

Built for the rigors of law enforcement, the FLIR Breach PTQ136 spots the heat of suspects and objects in total darkness. Featuring the new FLIR Boson core and a compact design, the FLIR Breach offers unmatched tactical awareness. Weighing only 7.4 ounces (210 grams), the FLIR Breach can be concealed in a pocket or mounted to a helmet with its mini-rail feature, while adding minimal weight to officers' heavy gear. Additional features include onboard recording and seven palettes for fast detection of suspects or evidence, day or night.

www.flir.com



EXCEPTIONAL VISION

The advanced image processing of the Breach PT0136's internal FLIR Boson thermal core and a bright high definition display create excellent image clarity and provide better detection and classification, day or night.

Custom Viewing

 Multiple thermal image palettes create a fully customizable viewing experience

Digital Compass and Inclinometer

Great situational awareness with integrated object orientation



FLEXIBLE MOUNTING OPTIONS

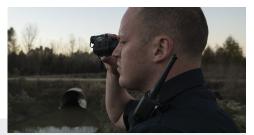
For hands-free operation, Breach PTQ136 has multiple mini-rail mounting points designed to allow for a wide variety of head mounts, helmet mounts, and to install additional equipment.

Built-In Recording

• Internal storage of up 2.5 hours of recording or up to 1,000 pictures

Iconic FLIR Warranty

• Enjoy FLIR's 10-year Detector warranty



SUPERIOR VALUE

The Breach PT0136 is packed with features. Document operations with on-board video recording and image capture. Choose from multiple palettes to perfect viewing during varied situations. Enhance situational awareness with a digital compass/inclinometer.

Made in the USA

 Have the peace of mind that comes from knowing your gear is made and supported in the USA

SPECIFICATIONS

General FLIR Breach PTQ136 Detector Type 320 x 256 V0x Microbolometer Refresh Rate 60 Hz Start Up <5 seconds Image Processing FLIR Proprietary Digital Detail Enhancement™ Lens System 9.1 mm; F/1.04 Optical Magnification 1x Field of View (H x V) 24° x 19° Digital e-Zoom 1x - 4x continuous Focusing Range 0.25 m to infinity Eye Relief 16 mm Display Quad-VGA (1280 x 960) FLCOS Video Output Digital Video Up to 1,000 images and 2.5 hours of video on internal memory White Hot, Black Hot, Rainbow HC, Ironbow, Sepia, Arctic, Outdoor Alert User Interface Control Panel Buttons Configures Operational Settings:	C	FUD December DT0100
Refresh Rate Start Up Image Processing Lens System 9.1 mm; F/1.04 Optical Magnification Field of View (H x V) Digital e-Zoom Diopter Adjustment Range Focusing Range Eye Relief Display Video Output Internal Memory Temperature Imaging Modes (Image Palettes) User Interface Control Panel Buttons Configures Operational Settings: Unit On/ Off Digital Zoom Control Diopter Adjustment Ring Con-Screen Menu Navigation NUC Adjusts the Eyepiece Diopter Power Battery Type Battery Type Battery Type Battery Life (Operating) Portical Mannocement™ 1x 5 seconds FLIR Proprietary Digital Detail Enhancement™ 9.1 mm; F/1.04 1x 45 seconds FLIR Proprietary Digital Detail Enhancement™ 9.1 mm; F/1.04 1x 45 seconds 1x 45 seconds 1x 42 × 19° 1x - 4× continuous 1x 5 to +5 dpt 0.25 m to infinity 1x - 4× continuous 1x - 4× continuous 1x 1x 1x 1x 1x 1x 1x 1x 1x 1	3 03. a.	1
Start Up Image Processing Lens System 9.1 mm; F/1.04 Optical Magnification Field of View (H x V) Digital e-Zoom 1x - 4x continuous Diopter Adjustment Range Focusing Range Eye Relief Display Uideo Output Unternal Memory Temperature Imaging Modes (Image Palettes) Control Panel Buttons Configures Operational Settings: Uinter On-Screen Menu Navigation NUC Diopter Adjustment Ring Cone CR123A 3V Lithium battery Up to 90 minutes at 20°C User Interface One CR123A 3V Lithium battery Up to 90 minutes at 20°C	,,	
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Diopter Adjustment Range Focusing Range U.25 m to infinity Fye Relief Display Uuad-VGA (1280 x 960) FLCOS Video Output Digital Video Up to 1,000 images and 2.5 hours of video on internal memory Temperature Imaging Modes (Image Palettes) White Hot, Black Hot, Rainbow HC, Ironbow, Sepia, Arctic, Outdoor Alert User Interface Control Panel Buttons Configures Operational Settings: Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control Image Capture and Video Record Control On-Screen Menu Navigation NUC Adjusts the Eyepiece Diopter Interfacing USB-C Connector Power Battery Type Battery Life (Operating) Un to 90 minutes at 20°C	Field of View (H x V)	24° × 19°
Focusing Range Eye Relief 16 mm Ouad-VGA (1280 x 960) FLCOS Video Output Internal Memory Temperature Imaging Modes (Image Palettes) User Interface Control Panel Buttons Configures Operational Settings: Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control On-Screen Menu Navigation NUC Diopter Adjustment Ring USB-C Connector Power Battery Type Battery Life (Operating) Ouad-VGA (1280 x 960) FLCOS Digital Video Up to 1,000 images and 2.5 hours of video on internal memory White Hot, Black Hot, Rainbow HC, Ironbow, Sepia, Arctic, Outdoor Alert Up to 1,000 images and 2.5 hours of video on internal memory White Hot, Black Hot, Rainbow HC, Ironbow, Sepia, Arctic, Outdoor Alert Up to 90 minutes at 2.5 hours of video and internal memory Volteo on internal memory White Hot, Black Hot, Rainbow HC, Ironbow, Sepia, Arctic, Outdoor Alert Up to 90 minutes at 20°C	Digital e-Zoom	1× - 4× continuous
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Display Video Output Internal Memory Temperature Imaging Modes (Image Palettes) User Interface Control Panel Buttons Configures Operational Settings: Unit On/ Off Display Brightness Control Image Capture and Video Record Control Image Capture and Video Record Control Image Capture and Video Record Control On-Screen Menu Navigation NUC Diopter Adjustment Ring USB-C Connector Power Battery Type Battery Life (Operating) Oudad-VGA (1280 x 960) FLCOS Digital Video Up to 90 minutes at 20°C	Focusing Range	0.25 m to infinity
Video Output Internal Memory Temperature Imaging Modes (Image Palettes) User Interface Control Panel Buttons Configures Operational Settings: Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control Image Capture and Video Record Control Image Capture and Video Record Control Vulc Diopter Adjustment Ring USB-C Connector Power In; Video out; Video and image files transfer Power Battery Type Battery Life (Operating) Digital Video Up to 90 minutes at 20°C	Eye Relief	16 mm
Internal Memory Temperature Imaging Modes (Image Palettes) White Hot, Black Hot, Rainbow HC, Ironbow, Sepia, Arctic, Outdoor Alert User Interface Control Panel Buttons Configures Operational Settings: Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control On-Screen Menu Navigation NUC Adjusts the Eyepiece Diopter Interfacing USB-C Connector Power In; Video out; Video and image files transfer Power Battery Type One CR123A 3V Lithium battery Up to 90 minutes at 20°C	Display	Quad-VGA (1280 x 960) FLCOS
Temperature Imaging Modes (Image Palettes) White Hot, Black Hot, Rainbow HC, Ironbow, Sepia, Arctic, Outdoor Alert User Interface Control Panel Buttons Configures Operational Settings: Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control On-Screen Menu Navigation NUC Diopter Adjustment Ring USB-C Connector Power In; Video out; Video and image files transfer Power Battery Type Done CR123A 3V Lithium battery Up to 90 minutes at 20°C	Video Output	Digital Video
Modes (Image Palettes) User Interface Control Panel Buttons Configures Operational Settings: Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control On-Screen Menu Navigation NUC Diopter Adjustment Ring Interfacing USB-C Connector Power In; Video out; Video and image files transfer Power Battery Type Battery Life (Operating) Outdoor Alert Configures Operational Settings: Unit On/ Off Display Brightness Control Diopter Record Control Adjusts the Eyepiece Diopter Power USB-C Connector Power In; Video out; Video and image files transfer Power Battery Type Up to 90 minutes at 20°C	Internal Memory	Up to 1,000 images and 2.5 hours of video on internal memory
Control Panel Buttons Configures Operational Settings: Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control On-Screen Menu Navigation NUC Diopter Adjustment Ring Adjusts the Eyepiece Diopter Interfacing USB-C Connector Power Battery Type Done CR123A 3V Lithium battery Up to 90 minutes at 20°C		
Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control On-Screen Menu Navigation NUC Diopter Adjustment Ring Adjusts the Eyepiece Diopter Interfacing USB-C Connector Power Battery Type One CR123A 3V Lithium battery Battery Life (Operating) Up to 90 minutes at 20°C	User Interface	
Interfacing USB-C Connector Power In; Video out; Video and image files transfer Power Battery Type One CR123A 3V Lithium battery Battery Life (Operating) Up to 90 minutes at 20°C	Control Panel Buttons	Unit On/ Off Display Brightness Control Digital Zoom Control Image Capture and Video Record Control On-Screen Menu Navigation
USB-C Connector Power In; Video out; Video and image files transfer Power Battery Type One CR123A 3V Lithium battery Battery Life (Operating) Up to 90 minutes at 20°C	Diopter Adjustment Ring	Adjusts the Eyepiece Diopter
Power Battery Type One CR123A 3V Lithium battery Battery Life (Operating) Up to 90 minutes at 20°C	Interfacing	•
Battery Type One CR123A 3V Lithium battery Battery Life (Operating) Up to 90 minutes at 20°C	USB-C Connector	Power In; Video out; Video and image files transfer
Battery Life (Operating) Up to 90 minutes at 20°C	Power	'
, , , ,	Battery Type	One CR123A 3V Lithium battery
USB Power 5 VDC	Battery Life (Operating)	Up to 90 minutes at 20°C
	USB Power	5 VDC

Environmental

Operating Temperature -20°C to +50°C (-4°F to +122°F) Range

Storage Temperature Range -40°C to +60°C (-40°F to +140°F)

Physical

Weight 210 g (0.46 lbs)

 $139 \times 70 \times 49 \text{ mm} (5.5 \times 2.7 \times 1.9 \text{ in})$ Size

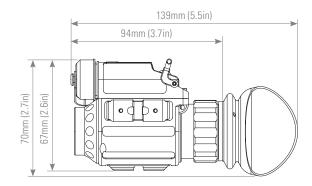
Black Color (housing) USA Country of Origin

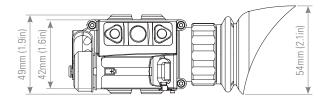
Package Includes

Thermal Monocular, CR123A Battery, Lens Cloth, Soft Case

Optional Accessories

ANHG000002 - Swing Arm #37 - Mini Rail Adapter to Bayonet Mount ANHM000172 - Swing Arm #172 - Mini Rail to Dovetail Adapter





DETECTION RANGE PERFORMANCE

9.1 mm

335 m 🏐

Ranges calculated using Johnson criteria (1.8 m man)

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

FLIR SYTEMS, INC.

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