

PFI-P450P Thermal Scope



Key Features

- Vanadium oxide uncooled focal plane detector.
- Detecton distance is up to 2,600 m.
- Metal housing.
- Impact resistance reaches up to 1,200 g/ms.
- RAR (Recoil Actvated Recorder).
- FHD OLED display.
- Six color paletes.
- Built-in EMMC (64 GB).
- IP67 rated.



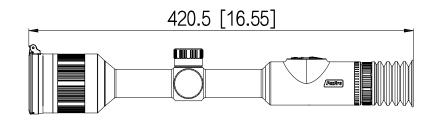
Technical Specification

Effective Pixels $384 (H) \times 2$ Pixel Pitch $12 \ \mu m$ Spectral Range $8 \ \mu m - 14 \ \mu$ Sensitivity (NETD) $\leq 18 \ m K \oplus f$ Frame Rate $50 \ Hz$ Focal Length $50 \ mm$ Field of View $H: 5.5^\circ; V:$ Focus ControlManualClose Focus Distance $5 \ m (16.4 \ mm)$ ApertureF1.0Detection Distance $2,600 \ m (8)$ Magnification $4.55 \times$ Image DisplaySizeSize $0.41 \ inch,$ Resolution $1440 \ (H) \times$ Diopter $-3 \ D \ to + 5$ Eye Relief $50 \ mm (1.6 \ Dotto + 5)$	Im /1.0 4.12° ft) 3,530.18 ft) OLED
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Spectral Range 8 μm-14 μ Sensitivity (NETD) ≤18 mK@f Frame Rate 50 Hz Focal Length 50 mm Field of View H: 5.5°; V: Focus Control Manual Close Focus Distance 5 m (16.4 ft) Aperture F1.0 Detection Distance 2,600 m (8 Magnification 4.55× Image Display Size Size 0.41 inch, Resolution 1440 (H) × Diopter -3 D to +5 Eye Relief 50 mm (1.1) Color Palettes 6 (white here	/1.0 4.12° ft) 3,530.18 ft)
Sensitivity (NETD) $\leq 18 \text{ mK@f}$ Frame Rate50 HzFocal Length50 mmField of ViewH: 5.5°; V:Focus ControlManualClose Focus Distance5 m (16.4 mm)ApertureF1.0Detection Distance2,600 m (80 mm)Magnification4.55×Image DisplaySizeSize0.41 inch,Resolution1440 (H) ×Diopter-3 D to +5Eye Relief50 mm (1.1)Color Palettes6 (white here)	/1.0 4.12° ft) 3,530.18 ft)
Frame Rate50 HzFocal Length50 mmField of ViewH: 5.5°; V:Focus ControlManualClose Focus Distance5 m (16.4 ml)ApertureF1.0Detection Distance2,600 m (8 ml)Magnification4.55×Image DisplaySizeSize0.41 inch,Resolution1440 (H) ×Diopter-3 D to +5Eye Relief50 mm (1.1)Color Palettes6 (white he)	4.12° ft) 3,530.18 ft) OLED
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Eye Relief 50 mm (1. Color Palettes 6 (white here)	
Color Palettes 6 (white he	D
	97")
Function	ot/black hot/iron red/alarm/emerald/amber)
Function	
Digital Zoom 1×; 2×; 4×;	8×
Reticle Multiple P	atterns & Color Options
Zeroing Yes	
Video Recorder Yes	
Snapshot Yes	
WiFi Hotspot Yes	
Hot Spot Track Yes	
Video Distance Measurement	
FFC Calibration Auto; man	ual; immediately
Standby Mode Yes	
PIP (Picture in Picture) Yes	
DPC (Defective Pixel Correction)	
RAR (Recoil Activated Yes Yes	
MIC Yes	

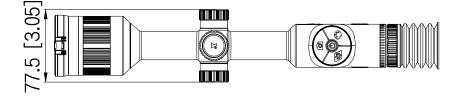


Storage	Built-in 64 GB	
Power		
Power Supply	5 VDC/2 A, USB Type-C	
Battery Type	Rechargeable Lithium battery (internal) and one replaceable CR123A (external)	
Battery Capacity	6,400 mAh (internal)	
Overvoltage Protection	Yes	
Standby Time	≥14 h	
Environment		
Operating Temperature	-30 °C to +50 °C (-22 °F to +122 °F)	
Operating Humidity	≤95%	
Storage Temperature	-30 °C to +65 °C (-22 °F to +149 °F)	
Physical Characteristics		
Protection	IP67	
Max. Recoil	1,200 g/ms	
Structure		
Product Dimensions	420.5 mm × 77.5 mm × 74 mm (16.55" × 3.05" × 2.91") (L × W × H)	
Packaging Dimensions	495 mm × 154 mm × 132 mm (19.45" × 6.06" × 5.19") (L × W × H)	
Net Weight	≤957 g (2.10 lb)	
Gross Weight	≤2.8 kg (6.17 lb)	

Dimensions (mm[inch])







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