

PFI-P450 Thermal Scope



Key Features

- · Vanadium oxide uncooled focal plane detector.
- Detecton distance is up to 2,600 m.
- · Metal housing.
- \cdot 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.



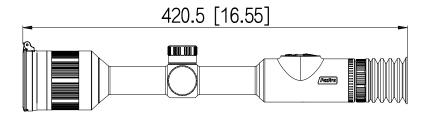
Technical Specification

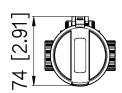
Thermal	
Detector Type	Vanadium oxide uncooled focal plane detector
Effective Pixels	384 (H) × 288 (V)
Pixel Pitch	12 µm
Spectral Range	8 μm-14 μm
Sensitivity (NETD)	≤30 mK@f/1.0
Frame Rate	50 Hz
Focal Length	50 mm
Field of View	H: 5.5°; V: 4.12°
Focus Control	Manual
Close Focus Distance	5 m (16.4 ft)
Aperture	F1.0
Detection Distance	2,600 m (8,530.18 ft)
Magnification	4.55×
Image Display	
Size	0.41 inch, OLED
Resolution	1440 (H) × 1080 (V)
Diopter	-3 D to +5 D
Eye Relief	50 mm (1.97")
Color Palettes	6 (white hot/black hot/iron red/alarm/emerald/amber)
Function	
Digital Zoom	1x; 2x; 4x; 8x
Reticle	Multiple Patterns & Color Options
Zeroing	Yes
Video Recorder	Yes
Snapshot	Yes
WiFi Hotspot	Yes
Hot Spot Track	Yes
Video Distance Measurement	Yes
FFC Calibration	Auto; manual; immediately
Standby Mode	Yes
PIP (Picture in Picture)	Yes
DPC (Defective Pixel Correction)	Yes
RAR (Recoil Activated Recorder)	Yes
MIC	Yes

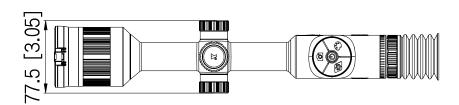


Storage	Built-in 64 GB	
Power		
Power Supply	5 VDC/2 A, USB Type-C	
Battery Type	Rechargeable Lithium battery (internal) and one replaceable CR123A (external)	
Battery Capacity	6,400 mAh (internal)	
Overvoltage Protection	Yes	
Standby Time	≥15 h	
Environment		
Operating Temperature	−30 °C to +50 °C (−22 °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])







Rev 001.000

© 2023 Pixfra. All rights reserved. Design and specifications are subject to change without notice.

The images specifications and information mentioned in the document are only for reference, and might differ from the actual productions.