

PFI-P635P Thermal Scope



Key Features

- Vanadium oxide uncooled focal plane detector.
- Detecton distance is up to 1,800 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.



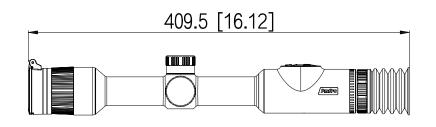
Technical Specification

Effective Pixels $640 (H) \times 512$ Pixel Pitch $12 \ \mu m$ Spectral Range $8 \ \mu m - 14 \ \mu m$ Sensitivity (NETD) $\leq 18 \ m K @ f/1$ Frame Rate $50 \ Hz$ Focal Length $35 \ mm$ Field of View $H: 12.4^\circ; \forall: 1$ Focus ControlManualClose Focus Distance $3 \ m (9.8 \ ft)$ ApertureF1.0Detection Distance $1,800 \ m (5.9)$ Magnification $1.95 \times$ Image DisplaySizeSize $0.41 \ inch, 0L$ Resolution $1440 \ (H) \times 10$ Diopter $-3 \ D \ to +5 \ D$ Eye Relief $50 \ mm (1.97)$ Color Palettes $6 \ (white \ hot)$ Digital Zoom $1 \times; 2 \times; 4 \times; 8$	0 0 0' 0' 05.51 ft) ED ED	
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Digital Zoom 1x; 2x; 4x; 8: Reticle Multiple Patt Zeroing Yes	black hot/iron red/alarm/emerald/amber)	
Reticle Multiple Patt Zeroing Yes	Function	
Zeroing Yes	x	
	erns & Color Options	
Video Recorder Yes		
Snapshot Yes		
WiFi Hotspot Yes		
Hot Spot Track Yes		
Video Distance Measurement		
FFC Calibration Auto; manua	l; immediately	
Standby Mode Yes		
PIP (Picture in Picture) Yes		
DPC (Defective Pixel Correction)		
RAR (Recoil Activated Yes		
MIC Yes		

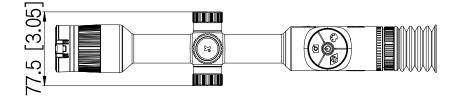


Storage	Built-in 64 GB	
Power		
Power Supply	5 VDC/2 A, USB Type-C	
Battery Type	Rechargeable Lithium battery (internal) and one replaceable CR123A (external)	
Battery Capacity	6,400 mAh (internal)	
Overvoltage Protection	Yes	
Standby Time	≥11 h	
Environment		
Operating Temperature	-30 °C to +50 °C (-22 °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	409.5 mm × 77.5 mm × 61.5 mm (16.12" × 3.05" × 2.42") (L × W × H)	
Packaging Dimensions	495 mm × 154 mm × 132 mm (19.45" × 6.06" × 5.19") (L × W × H)	
Net Weight	≤852 g (1.88 lb)	
Gross Weight	≤2.6 kg (5.73 lb)	

Dimensions (mm[inch])







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