

PFI-C450 LRF Thermal Monocular Camera



Key Features

- Vanadium oxide uncooled focal plane detector.
- Ultra-low power consumption.
- Detection distance is up to 2,600 m.
- Laser ranging distance is up to 1,000 m.
- Connects to the mobile app through Wi-Fi.
- 6 color palettes.
- 10 reticles with customized colors.
- 5 zeroing profiles, and each profile has multiple coordinates, which makes the shoot more accurate.
- Picture in picture offers a closer view of the target with the whole visual scene.
- Auto recording, automatically record the video, recording the wonderful moment of hunting.
- Built-in storage (up to 32 GB).
- Metal material.
- 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)	≤20 mK@f/1.0, 25 °C		
Focal Length	50 mm		
Aperture	F1.0		
Field of View	H: 5.5°; V: 4.12°/H: 9.6 m; V: 7.2 m (@100 m)		
Focus Control	Manual		
Close Focus Distance	5 m (16.40 ft)		
Detection Distance	2,600 m (8,530.18 ft)		
Recognition Distance	662 m (2,171.92 ft)		
Identification Distance	331 m (1,085.96 ft)		
Magnification	4.21 ×		
Frame Rate	50 Hz		
Display			
Screen	1440 × 1080, 0.41 inch, OLED		
Color Palettes	6 (white hot/black hot/iron red/alarm/emerald/amber)		
Video Compression	H.264		
Diopter	-5 D to +5 D		
Eye Relief	44 mm (1.73 inch)		
Exit Pupil	6 mm (0.24 inch)		
Function			
Digital Zoom	1 ×; 2 ×; 4 ×; 8 ×		
Reticle	Multiple Patterns & Color Options		
Zeroing	Yes		
Video Recorder	Yes		
Snapshot	Yes		
Wi-Fi Hotspot	Yes		
Hot Spot Track	Yes		
FFC Calibration	Auto; Manual; External Correction		
Ballistic Calculations	Yes		
Standby Mode	Yes		
DPC (Defective Pixel Correction)	Yes		



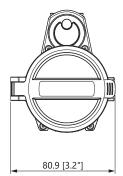
[
PIP (Picture in Picture)	Yes		
RAR (Recoil Activated Recorder)	Yes		
MIC	Yes		
Compass	Yes		
Storage	Built-in 32 GB		
Laser Range Finder			
Distance	1,000 m (3,280.84 ft)		
Accuracy	±1 m (3.28 ft)		
Power			
Battery Type	1 replaceable 18650 battery		
Battery Life	8 h@25 °C (Wi-Fi off)		
Power Supply	5 VDC/2 A		
Port	USB Type-C		
Overvoltage Protection	Yes		
General			
Operating Temperature	-30 °C to +55 °C (-22 °F to +131 °F)		
Operating Humidity	≤95%		
Protection Grade	IP67		
Packaging Dimensions	310 mm × 180 mm × 138 mm (12.2" × 7.09" × 5.43") (L × W × H)		
Product Dimensions	223.4 mm × 65.7 mm × 91.5 mm (8.8" × 2.59" × 3.6") (L × W × H)		
Gross Weight	≤2.3 Kg (5.07 lb)		
Net Weight	<632 g (1.39 lb)		

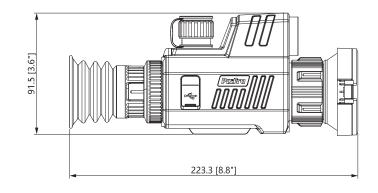
Ordering Information

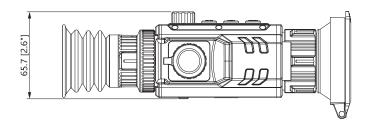
Туре	Model	Description
Thermal Monocular Camera	PFI-C450 LRF	Thermal Monocular Camera



Dimensions (mm[inch])







Rev 001.000 © 2024 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 product.