

PFI-V850 Digital Night Vision Scope



Key Features

- 4K ultra HD image with resolution 3840 × 2160.
- 50 mm focal length and F1.2-3.0 adjustable aperture, avoiding overexposure and enhancing depth of field.
- Ultra-low power consumption.
- Connects to the mobile app through Wi-Fi.
- Auto recording, automatically record the video, recording the wonderful moment of hunting.
- IP67 rated.

Technical Specification

Main	
Max. Resolution	3840 (H) × 2160 (V)
Frame Rate	50 Hz
Lens (Focal Length)	50 mm, F1.2 to 3.0 adjustable aperture
Detection Range	Day: 1,000 m (3,280.84 ft)
Min. Focusing Distance	5 m (16.4 ft)
Magnification	4.9×
Field of View	H: 4.4°; V: 4.4°; 7.7 m × 7.7 m@100 m
Image Display	
Size	LCD 1.25"
Resoluton	800 (H) × 800 (V)
Diopter	-3D to +3D
Exit Pupil	10 mm (0.39")
Eye Relief	70 mm (2.76")
Image Mode	4 (Colour/Night/Green/Yellow)
Function	
Video Recorder	Yes
Snapshot	Yes
Wi-Fi Hotspot	Yes
Audio Recording	Yes
Distance Measurement	Yes
Recoil-activation Recording	Yes
Standby Mode	Yes
PIP (Picture in Picture)	Yes
Max. Recoil	1,000 g/0.4 ms
Ballistic Calculation	Yes
Storage	Built-in 64 GB
Power	
Power Supply	5 VDC/2 A, USB Type-C
Batery Type	One rechargeable Lithium bateries (external)
Batery Capacity	3,200 mAh (internal)
Standby Time	≥5.5 h@25 °C (Wi-Fi off)
Environment	
Operating Temperature	-30 °C to +55 °C (-22 °F to +131 °F)

Operating Humidity	≤ 95%
Storage Temperature	-30 °C to +65 °C (-22 °F to +149 °F)
Physical Characteristics	
Protection	IP67
Structure	
Product Dimensions	434.3 mm × 86.8 mm × 71.3 mm (17.1" × 3.42" × 2.81") (L × W × H)
Packaging Dimensions	499 mm × 155 mm × 142 mm (19.65" × 6.1" × 5.59") (L × W × H)
Net Weight	≤997 g (2.20 lb) (battery excluded)
Gross Weight	≤2.2 kg (4.85 lb)

Dimensions (mm[inch])

