PFI-V850 LRF
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.

· Laser range distance is up to 1,000 m, and supports the smart ballistics function.

· 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

Laser Range Finder	
Max. Distance	1,000 m (3,280.84 ft)
Min. Distance	10 m (32.81 ft)
Accuracy	<400 m: ±1 m (3.28 ft) >400 m: ±0.4%
Safety	Class 1
Wavelength	905 nm

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 Characteristcs	
Protection	IP67
Structure	
Product Dimensions	434.3 mm × 86.8 mm × 86.9 mm (17.1" × 3.42" × 3.42") (L × W × H)
Packaging Dimensions	499 mm × 155 mm × 142 mm (19.65" × 6.1" × 5.59") (L × W × H)
Net Weight	≤1,040 g (2.29 lb) (bttery excluded)
Gross Weight	≤2.6 kg (5.73 lb)

Dimensions (mm[inch])

434.3 [17.10]

86.9 [3.42]

86.8 [3.42]