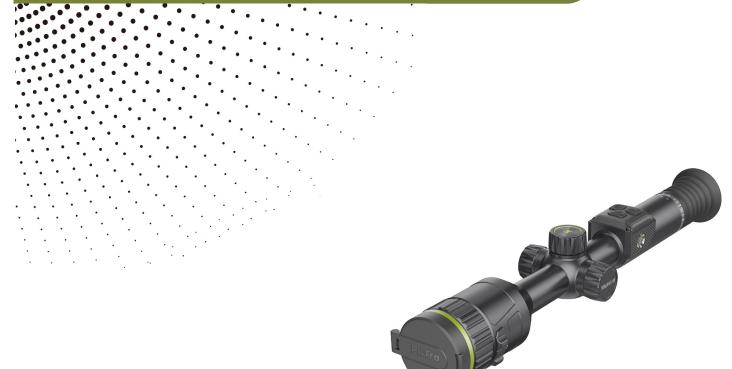


## PFI-V850 Digital Night Vision Scope



## **Key Features**

- $\cdot$  4K ultra HD image with resolution 3840  $\times$  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.



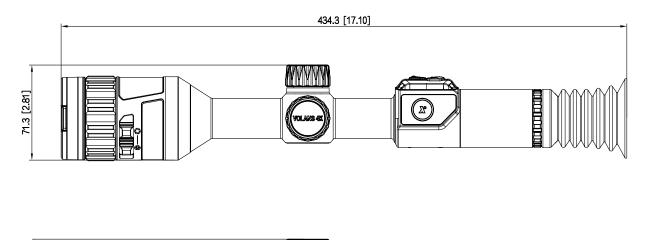
## **Technical Specification**

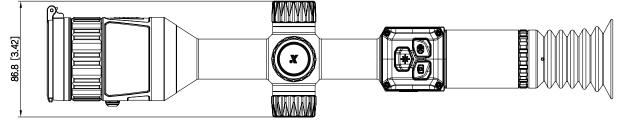
MainMain Real\$010/2100/0Fame Rate\$010/2100/0Fame Rate\$010/2100/0Fame Rate\$010/2100/0Fame Rate\$010/2100/0Fame Rate\$010/0000/0Fame Rate\$010/0000/0			
Frame Rate5HoreLens Franz Ling 3.Sinny, F12 In 3.0 adjuscille spenumDetection RangeSin 10.0 (1, 200.2.4 I)Min. Focusing BistanceSin 10.0 (1, 200.2.4 I)MagnificanceApp. 10.0 (1, 200.2.4 I)MagnificanceApp. 10.0 (1, 200.2.4 I)Balder OfferColl SchIntage DisplaySin 10.4 (1, 200.2.7 I)Stree OfferSin 10.9 (1, 200.2.1 I)Provide OfferSin 10.9 (1, 200.2.1 I)ResolutionSin 10.9 (1, 200.2.1 I)DisplaySin 10.9 (1, 200.2.1 I)Stree OfferSin 10.9 (1, 200.2.1 I)ResolutionSin 10.9 (1, 200.2.1 II)DisplaySin 10.9 (1, 200.2.1 II)Stree OfferSin 10.9 (1, 200.2.1 III)Stree OfferSin 10.9 (1, 200.2.1 III)Stree OfferSin 10.9 (1, 200.2.1 III)Stree OfferSin 10.9 (1, 200.2.1 IIII)Stree OfferSin 10.9 (1, 200.2.1 IIII)Stree OfferSin 10.9 (1, 200.2.1 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Main		
Addition of the second of the secon	Max. Resolution	3840 (H) × 2160 (V)	
Detection RangeInv: 0.00m (0.2008.04 ht)Min. Focusing Distancexm (0.16.4 ht)Mignification4.4.4 to 4.4.7.7 m x 7.7 m 9200 mtBred of View4.4.4 to 4.4.7.7 m x 7.7 m 9200 mtImage DisplayUname DistanceXm (0.16.4 mt)Bred of View0.00 to 800 (t) CharacterBred of View200 to 800 (t) CharacterBred of View <t< td=""><td>Frame Rate</td><td>50 Hz</td></t<>	Frame Rate	50 Hz	
Nin. focusing Distancein (16.4 ft)Magnification4.94Magnification16.44 (1): 4.47; 17.m × 7.7 mg/s00 mImage DisplaySizeCD 2.25"Resolution20.121.80 (N)Dipper-0.10 + 0.10John (0.39")-0.10 + 0.10Ext PupilO 10.00 (N)By Read-0.10 + 0.10Size-0.10 + 0.10Size Accession-0.10 + 0.10By Read-0.10 + 0.10Size Accession-0.10 + 0.10Size Access	Lens (Focal Length)	50 mm, F1.2 to 3.0 adjustable aperture	
Magnification4%Field View64.4%Field View64.4%Field View64.4%Image DisplayCD 1.2%Steen60.6%Bob (%) % 800 (%)80.6%Bob (%) % 800 (%)80.6%Fuerber100.0%Fuerber80.6%Fuerber80.6%Bob (%) % 800 (%)80.6%Bob (%) % 800 (%)80.6% <t< td=""><td>Detection Range</td><td>Day: 1,000 m (3,280.84 ft)</td></t<>	Detection Range	Day: 1,000 m (3,280.84 ft)	
Field NumId: 40: 40: 40: 20: 00: 00: 00: 00: 00: 00: 00: 00: 0	Min. Focusing Distance	5 m (16.4 ft)	
Image Display       Size     C01.25"       Reoluton     00(1)       Dipler     -305 +3D       Ext Pupil     -305 +3D       Function	Magnification	4.9×	
Size     LCD 1.25"       Resoluton     800 (H) 4.800 (V)       Digter     -50 to 430       Digter     -50 to 430       Ext Pupil     10m (0.39")       Ext Pupil     20m (2.76")       Image Mode     4 (colour/Night/Green/Vellow)       Function     Vis       Video Recorder     Ns       Nagabot     Vis       Audio Recording     Ns       Vis     Since Measurement       Necording     Ns       Since Measurement     Ns       Sindby Mode     Ns/C/2 A. USB Type-C       Batery Yape	Field of View	H: 4.4°; V: 4.4°; 7.7 m × 7.7 m@100 m	
Resolution     800 (H) 800 (v)       Diopter     -30 to 330       Exit Pupil     -30 to (3.3°)       Eye Relief     0 mm (2.7°)       Image Mode     4 (Journ/Nght/Green/Yellow)       Furction     -       Yield Recorder     Ns       Snapshot     Ns       Audo Recorder     Ns       Vield Recorder     Ns       Snapshot     Ns       Vield Recorder     Ns       Snapshot     Ns       Snapshot     Ns       Vield Recorder     Ns       Snapshot     Ns	Image Display		
Dipper     -030 a -30       Exit Pupil     0 mm (0.39°)       Line Add     0 mm (0.30°)       Image Mode     4 cloour/Night/Green/Yellow)       Function     Function       Function     vs       Snapshot     Vs       Add Recording     Vs       Audio Recording     Vs       Audio Recording     Vs       Snapshot     Vs       Audio Recording     Vs       Recording     Vs       Snapshot     Vs       Audio Recording     Vs       Recording     Vs       Snapshot     Vs       Snapshot     Vs       Snapshot     Vs       Audio Recording     Vs       Snapshot     Snapshot	Size	LCD 1.25"	
Exit Pupil     Dnm (0.39')       Eye Relief     70 mm (2.76')       Image Mode     4 (Golour/Night/Green/Yellow)       Function     Function       Yude Recorder     Yes       Snapshot     Yes       Aufo Recording     Yes       John (2.76')     Yes       Audo Recording     Yes       Audo Recording     Yes       Snapshot     Yes       Snapshot     Yes       Audo Recording     Yes       Recording     Yes       Snapshot	Resoluton	800 (H) × 800 (V)	
Fyre Relief     20m(2.7c%)       Image Mode     4 (clour/Night/Green/Yellow)       Function     Function       Video Recorder     N=       Snapshot     V=       Video Recorder     V=       Video Recorder     V=       Audio Recording     V=       Distance Measurement     V=       Recording     V=       Recording     V=       Net Measurement     V=       Stande Measurement     V=       Recording     V=       Recording     V=       Recording     V=       Stande Measurement     V=       Recording     V=       Stande Measurement     V=       Stande Mode     V=       Stande Mode     V=       Stande Mode     V=       Stande Mo	Diopter	-3D to +3D	
Image Mode     4(cloour/Night/Green/Yellow)       Function       Video Recorder     Ves       Snapshot     Ves       Video Recording     Ves       Audio Recording     Ves       Distance Messuremet     Ves       Distance Messuremet     Ves       Recoil-activation Recording     Ves       PIP Picture in Picture     Ves       Ballistic Calculation     Ves       Billistic Calculation     Ves       Power Supply     Sub of Q/0.4 ms       Ballistic Calculation     Ves/Q/2.4 USB Type-C       Power Supply     Sub/Q/2.4 USB Type-C       Batery Tape     Joon pace Lithium bateries (external)       Batery Capacity     Sub of Q/0.4 Fillion       Standa Type     Sub of Q/0.4 Fillion	Exit Pupil	10 mm (0.39")	
Function       Video Recorder     Ves       Snapshot     Ves       Mi-Fi Hotspot     Ves       Audio Recording     Ves       Jatance Measurement     Ves       Distance Measurement     Ves       Recording     Ves       Distance Measurement     Ves       Recording     Ves       Recording     Ves       Recording     Ves       Stande Measurement     Ves       Recording     Ves       Recording     Ves       Standby Mode     Ves       PIP (Picture in Picture)     Ves       Max. Recoil     Jo00 g/0.4 ms       Ballistic Calculation     Ves       Storage     Joudy /0.4 ms       Power     Ves       Power Supply     SVC/2.4, USB Type-C       Batery Type     One rechargeable Lithium bateries (external)       Batery Type     Joun Ah (internal)       Standby Time     3.5 Nort2 (Wi-Fi off)       Enzy     Ves (Wi-Fi off)	Eye Relief	70 mm (2.76")	
Video Recorder Yes   Snapshot Yes   Wi-Fi Hotspot Yes   Audio Recording Yes   Distance Measurement Yes   Recoil-activation Recording Yes   Standby Mode Yes   Jond Space Yes   Billistic Calculation Yes   Billistic Calculation Yes   Power Yes   Power Supply StoC/2 A, USB Type-C   Batery Type One rechargeable Lithlum bateries (external)   Batery Type 3.20 mAh (internal)   Batery Type Sto Space YC (Wi-Fi off)	Image Mode	4 (Colour/Night/Green/Yellow)	
Snapshot     Ve       Shinpshot     Ves       Audio Recording     Ves       Distance Measurement     Ves       Recoil-activation     Ves       Standby Mode     Ves       Pie P(Picture in Picture)     Ves       Bilistic Calculation     Ves       Bilistic Calculation     Ves       Bilistic Calculation     Ves       Power     Ves       Power Supply     StoC/2 A USB Type-C       Betry Type     Out endangeute lithium bateries (external)       Betry Capacity     3,00 anAh (internal)       Standby Time     Stole Sec Sec Weit-Field	Function		
Wi-Fi Hotspot     Yes       Audio Recording     Yes       Distance Measurement     Yes       Recording     Yes       Standby Mode     Yes       Standby Mode     Yes       PIP (Picture in Picture)     Yes       Max. Recoil     1,000 g/0.4 ms       Balistic Calculation     Yes       Storage     Juit-In 64 GB       Power Supply     Su/C/2 A, USB Type-C       Batery Type     One rechargeable Lithium bateries (external)       Batery Capacity     3,200 mAh (internal)       Standby Time     Standby Time	Video Recorder	Yes	
Audio Recording   Yes     Distance Measurement   Yes     Recording   Ves     Standby Mode   Ves     Standby Mode   Yes     PIP (Picture in Picture)   Yes     Max. Recoil   0.000 g/0.4 ms     Ballistic Calculation   Yes     Storage   Ves     Power   Sulit-in 64 GB     Power Supply   SVC/2 A, USB Type-C     Batery Type   One rechargeable Lithlum bateries (external)     Batery Capacity   3,200 mAh (internal)     Standby Time   Stalbas's C' (Wi-Fi off)	Snapshot	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       Ballistic Calculation     Yes       Power     Built-in 64 GB       Power     Ver       Power Supply     SVD(2/2, USB Type-C       Batery Type     One rechargeabel Lithium bateries (external)       Batery Capacity     3,200 mAh (internal)       Standby Time     S.5.bq25 *C (Wi-Fi off)	Wi-Fi Hotspot	Yes	
Recoil-activation Recording     ves       Standby Mode     ves       PIP (Picture in Picture)     ves       Max. Recoil     Jo00 g/0.4 ms       Balistic Calculation     ves       Balistic Calculation     ves       Power     bult-in 64 GB       Powersupply     SVC/2 A, USB Type-C       Batery Type     one rechargeable Lithium bateries (external)       Batery Capacity     3,200 mAh (internal)       Standby Time     is 5.bag2s °C (Wi-Fi off)	Audio Recording	Yes	
Recording     Yes       Standby Mode     Ves       PIP (Picture in Picture)     Ves       Max. Recoil     Jo00 g/0.4 ms       Ballistic Calculation     Ves       Storage     Bulit-in 64 GB       Power     Ves       Power Supply     SVC/2 A, USB Type-C       Batery Type     One rechargeable Lithium bateries (external)       Batery Capacity     3,200 mAh (internal)       Standby Time     Sto Sp2 °C (Wi-Fi off)	Distance Measurement	Yes	
PIP (Picture in Picture)   Yes     Max. Recoil   .000 g/0.4 ms     Balistic Calculation   Yes     Storage   built-in 64 GB     Power		Yes	
Image: A constraint of the second of the	Standby Mode	Yes	
Ballistic Calculation   Yes     Storage   Built-in 64 GB     Power   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)	PIP (Picture in Picture)	Yes	
Storage Built-in 64 GB   Power 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)	Max. Recoil	1,000 g/0.4 ms	
Power   SvDc/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)	Ballistic Calculation	Yes	
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)	Storage	Built-in 64 GB	
Batery Type One rechargeable Lithium bateries (external)   Batery Capacity 3,200 mAh (internal)   Standby Time >5.5 h@25 °C (Wi-Fi off)   Environment	Power		
Batery Capacity 3,200 mAh (internal)   Standby Time ≥5.5 h@25 °C (Wi-Fi off)   Environment	Power Supply	5 VDC/2 A, USB Type-C	
Standby Time ≥5.5 h@25 °C (Wi-Fi off)   Environment	Batery Type	One rechargeable Lithium bateries (external)	
Environment	Batery Capacity	3,200 mAh (internal)	
	Standby Time	≥5.5 h@25 °C (Wi-Fi off)	
Operating Temperature -30 °C to +55 °C (-22 °F to +131 °F)	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 × 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) (bttery excluded)	
Gross Weight	≤2.2 kg (4.85 lb)	

## Dimensions (mm[inch])





© 2025 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. Rev 001.000