



Model	HYH75W
Thermal Sensor	640x480, 12μm
NETD, mK	≤25
Frame Rate, Hz	50
Objective Lens, mm	75, F1.0
Field of View (HxV), °	5.9x4.4
Magnification, x	4
Detection Range, m (Target size: 1.7m×0.5m, P(n)=99%)	3896
Display	2560x1920 AMOLED
Battery Type	1 Built-in li-ion battery/4.4Ah/3.7V
Max. Operating Time(22°C), h	≥6
Weight, g	<1005
Dimension, mm	310x105x91
Max. Rangerfinder Distance, m	5270



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Ultra Clear
Ultra Precise

Accurate And Reliable

HYBRID SERIES

HYH75W



[InfiRay Outdoor](#)



**640*480 Resolution
12µm Thermal Sensor**



**Magnesium-Aluminum
Alloy Body**

This strategic material choice ensures the HYH75W retains exceptional durability and reliability, vital for rigorous field use.

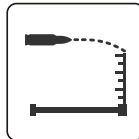


Extra Large Eyebbox

The larger eyebbox facilitates clear imaging in dynamic situations, while the 60mm long eye relief design prevents eye injuries caused by recoil when shooting.

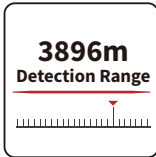


**NETD<25mK | Shock Resistance
LRF Supported | Ballistic Calculation**



3896m (4260 yards) Detection Range

The Hybrid HYH75W redefines long-range detection with its f75mm/F1.0 objective lens, elevating your tactical and surveillance capabilities.



**2560x1920
AMOLED Display**



**2-in-1
Riflescope + Clip on**

Hybrid supports both Riflescope and Clip-on Mode, allowing for seamless switching between the two modes in seconds without the need to change the eyepiece.

