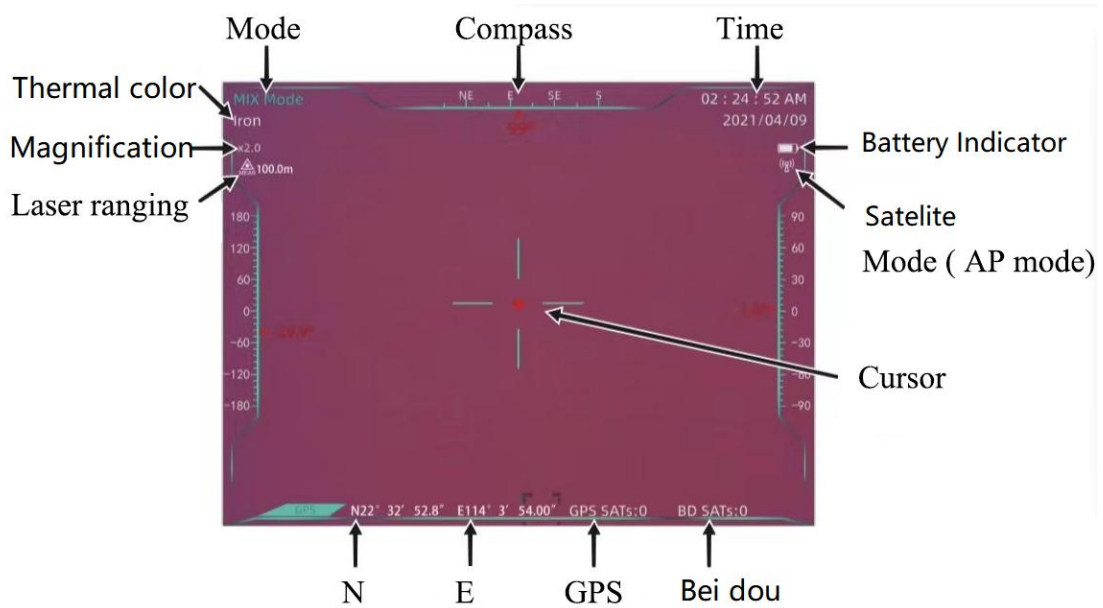


# HL8 Fusion Thermal Binocular with LRF





#### Specification :

IR	
Model	HL8-640
Sensor	VOX
Resolution	640x512
Pitch	12 $\mu$ m
FOV	8.8°x7.0°
Spectrum	8~14 $\mu$ m
NETD	<50mk@25°C, @f/1.0
Focus length	50mm
Frame rate	≤50Hz
Focus	Motorized
Detection	
Human(1.7mx0.5mx0.3m)	4722m
Vehicle (4.5mx2.0mx1.5m)	12500m
Identification	
Human (1.7mx0.5mx0.3m)	1180m
Vehicle (4.5mx2.0mx1.5m)	3125m
Low light	
Sensor	Full color CMOS
Resolution	1920×1080
Pitch	4.0 $\mu$ m
Focus length	35mm
Frame	≤30Hz

Focus	No need
<b>Display</b>	
Display	OLED
Resolution	1024x768
Display size	0.39Inch
Display mode	IR / Low light/fusion/picture in picture
Zoom	1X /2X /4X/8X
Dioptr adjustment	±4SD
Thermal color	Rainbow,Iron,cold,white hot, black hot
<b>其他功能</b>	
WIFI	2.4G image transfer
E compass	azimuth
Location	GPS/ BD
<b>Distance</b>	
Range	10m - 2500m
Accuracy	<400m, ±1m; >400m, 0.4%
<b>Storage</b>	
Storage	16 GB
Picture	Support
Video	Support
Picture/video format	JPG/ MP4
<b>Interface</b>	
CVBS output	PAL video
USB interface	Picture and video
External	DC 12V/ 1A
<b>Power</b>	
Battery	3200mAhx2(18650)
Charging mode	single
Power	≤6W
Endurance	≥4 hours
<b>Working/storage</b>	
Working	- 20°C to +50°C
Storage	- 30°C to +70°C
Shock proof	≤30g
Water proof	IP65
<b>Dimension/Weight</b>	
Dimension	192.8mmx86.9mmx189.6mm
Weight	1.65kg(including battery)