

H80 AR Display Hunting Thermal Helmet



H80 is a revolutionary helmet in night hunting. It will draw the attention of these hunters. Compared with the handheld monocular, it sets the two hands free. With the cutting-edge AR display in front and the thermal camera in the helmet, its structure is more compact and lighter weight. It more suitable for head than head mounted night vision or thermal cameras.

HD Thermal technology with better images, it can see through the fog and smog at night.

H80 uses the carbon fibre materials, light and rugged. With 8000mAh built-in battery , it can be used for longer time in hunting. It can be voice controlled(Optional). Thus, it can be more applied in night hunting and border patrol.

Specification:

IR sensor	Vox
Resolution	640x512
Spectrum range	7.5 ~ 14 μ m
Pitch	17 μ m
NETD	≤ 40 mK @F/1.0
Focus length	13mm
IFOV	1.31mrad
FOV	28 $^{\circ}$ \times 21 $^{\circ}$
Focus	Fixed
Thermal	Rainbow, Iron red, black hot, white hot, red hot
Frame rate	50Hz
AR display	Curve prism
AR	0.23inch OLED(640 \times 400)
Picture/video	JPG/MP4
Material	Carbon fiber
Button	Cross distribution ot the top
Goggle	Yes

Interface	TEPY-C-USB for computer
Battery	Polymer battery
Voice control	Optional
Capacity	8000mAh
Working	≥8hours(@ 25°C)
Power	TEPY-C
Working temperature	-20°C ~ +60°C
Storage	-30°C ~80°C
Humidity	10%~93%RH (non-condensing)
Rail	Pica-tiny
Weight	790g
Dimension	297mm*225mm*185mm