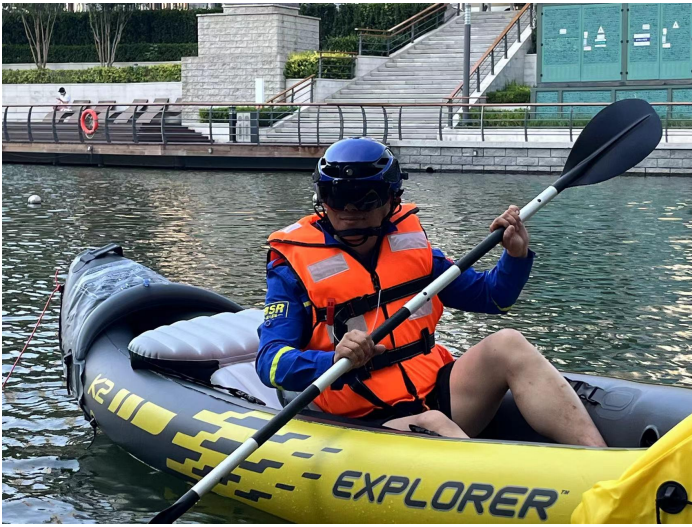


## T80 AR Thermal Imaging Helmet



T80 is helmet with thermal imaging camera and AR glass . The helmet is made of carbon fiber, light weight and high hardness and ruggedness. Its design focuses on being more comfortable and breathable than wearing the night vision devices. With thermal camera in helmet, the two hands can be sent free for other jobs. The helmet can be used in searching the suspects in the forest and the people who need to be rescued. It can also be used in other suitable tasks. Hunting, Production safety inspection, Border patrol, Leadership security, Night driving, Parachuting at night.....



### Specification:

IR sensor	Vox
Resolution	640x512
Spectrum range	7.5 ~ 14 $\mu\text{m}$
Pitch	17 $\mu\text{m}$
NETD	$\leq 40\text{mK @F/1.0}$
Focus length	13mm

IFOV	1.31 mrad
FOV	28°×21°
Focus	Fixed
Thermal	Rainbow, Iron red, black hot,white hot, red hot
Frame rate	50Hz
AR display	Curve prism
AR	0.23inch OLED(640×400)
Picture/video	JPG/MP4
Material	Carbon fiber
Button	Cross distribution of the top
Goggle	Yes

## Physical

Interface	TEPY-C-USB for computer
Battery	Polymer battery
Capacity	5000mAh
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	749g
Dimension	297mm*225mm*185mm

