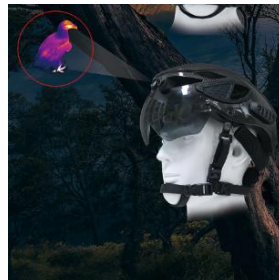




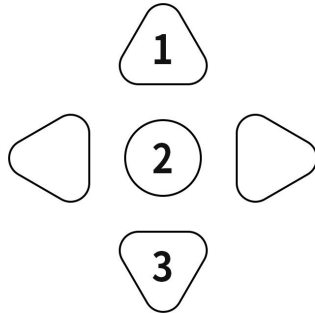
T80 Helmet with thermal imaging camera



T80 is helmet with thermal imaging camera. 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.



The buttons are located in the top middle of the helmet with functions listed below :



Currently, 3 buttons are functioning.

Button 1: Press and hold for switching on/off

Button 2: image mode switching

Button 3: single press for capturing the picture; Double press for video;

Other two buttons can be customized for other functions.

Specification:

IR sensor	Vox
Resolution	384 × 288
Spectrum range	7.5 ~ 14 μm
Pitch	17 μm
NETD	≤ 30mK /0.03°C@30°C,@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	≥60Hz
AR display	Curve prism
AR	0.23inch OLED(640×400)
Storage	64GB
Video and picture	Yes
Picture/video	JPG/MP4

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