



Model:W33 4G Smart Fire Helmet Camera

Product introduction

W33 is a combination of infrared thermal imaging, 1080P high-definition image, multi gas detection, two-way voice call, global positioning module, 4G transmission and other functions to easily empower firefighters. The thermal imaging system can obtain clear images of the scene in real time, perceive the physical data of firefighting and rescue personnel, and achieve the minimum casualties and maximum rescue efficiency. During use, the gas data on the scene can be transmitted in real time to the background, and software sets the gas peak alarm value. Once the harmful gas reaches the level of harm, the alarm will be immediately triggered to achieve the monitoring of the safety status of each person on the scene, and data will be transmitted to the command center through the network.

Picture



Functions:

- Thermal Imaging
- Gas detection
- 4 inch touch screen
- Real time GPS
- 4G/3G/WIFI/BT
- HD 1080P live straming
- Max support 256G



HD 1080P



Built-in
microphone



Open SDK



Voice control

Other angle pics



Parameters :

Model	W33 Uncooled infrared focal plane detection Pixel: 320X240 Viewing angle: 45-50 degrees 6.52mm f1.18 Minimum focal length: 0.5 meters Thermal sensitivity: 0.1 degree	
Thermal imaging parameters	Frame rate: 9Hz Accurate measuring distance: < 3 meter Measuring range: -10 +300degree Measurement accuracy: +2 degree: 100 degree +-1% above 100 degree Image display: 4inch TFT Place of origin: USA	
Gas detection (optional)	Oxygen: detection range 0-25%vol max to 30%vol minimum to 0.5%vol Error range ±5% F.S Carbon monoxide: detection range 0-100ppm display resolution 0.1ppm minimum detection to 1ppm Error range±5% F.S Hydrogen sulfide: detection range 0-100ppm display resolution 0.1ppm minimum detection to 1ppm Error range ±5% F.S	
System	Android 7.1	
Interface	Video interface: mipi Power interface: TYPEC Focus range: 0.5 Meters----Infinity	
Visible Optics camera	Angle of camera: 120° Photo: 16MP JPEG format Distance of night vision: The human faces can be seen at 10 Meters in a totally black environment Working time: standby more than 25h, camera work more than 5h	
Other details	Waterproof: IP66 Lithium battery : 3600mAh	
Video	Video coding resolution	1080P/720P mp4 Format
	Video FPS	1080P@30fps /720@30fps
	Video bitrate	256kbps-8Mbps
	Wi-Fi	Support 802.11b/g protocol, 2.4GHZ
	3G/4G	Support
Wireless connected	Frequencies band	TDD: B38 B39 B40 B41 FDD:B 13 5 8 4 7 28B
	Bluetooth	BT4.0
Physical characteristics	Weight	Around 620g
	Dimension	L/W/H 1100mm*1600mm*450mm
	Working temperature	-30°C----+70°C
	Real time play	support real-time 160 data can check up to 256 camera position tracking
	GPS	
Management software	Data upload	support D1 H.264 data upload
	Wireless intercom:	Real time 4G network wireless intercom, group meeting
	4G upload	Real time uploaded function