

Wireless Helmet Video Terminal



Main Feature

- ※ Headwear integrated design, no cable , hands free
- ※ OLED working status display, easy to use
- ※ Large battery capacity, can work continuously for about 8 hours
- ※ Support collision alarm, dynamic detection of taking off helmet, and safety helmet detection
- ※ Expand AI functions such as face recognition
- ※ 128G TF card storage, support industry encryption
- ※ Support H.264 video coding algorithm
- ※ The helmet-type design meets the GB2811 safety standard
- ※ IP66 protection design, 2 meters free drop test
- ※ Self-powered lighting, laser indicating positioning, the lighting distance is not less than 20 meters
- ※ Support two-way intercom, built-in microphone, speaker
- ※ Support external Bluetooth, bone conduction special earphone
- ※ Support 1080P dual stream real-time HD video and local recording
- ※ Support Beidou/GPS/base station three positioning, accurate positioning without drift phenomenon

The helmet-type intelligent video terminal adopts a high-speed processor, integrating HD video, audio, 5G/4G and WiFi wireless communication modules, positioning, storage, and alarm module. Real-time audio and video information transmission, voice intercom, and intelligent recognition can be realized through 5G/4G and WiFi wireless networks, which can record on-site situation in real time, collect evidence, standardize construction, and coordinate with the back-end monitoring and dispatching command platform to realize remote dispatch and command for outdoor mobile individuals.

Application Industry



Electric Power Inspection



Patrol Site



Tower Operation



Road Construction



Railway Construction



Mining



Blasting Supervision



Disaster Relief



Safety Supervision



Water Conservancy



Petroleum



Maintenance Remote Guidance

Product Parameter

Model		TSP290-B
System	Operating System	Android
Video	Compression Standard	H.264
	Resolution	1080P/720P etc
	Bit Stream	Support dual steam
	Frame Ratio	1 ~ 25 fps adjustable
	Snapshot	JPEG
Audio	Input	Built-in MIC, wired headset, Bluetooth headset
	Output	Built-in speaker, wired headset, Bluetooth headset
Network	Mobile Network	4G, 3G all network
	WiFi	Support
	AP	Support
	Bluetooth	Support
Positioning	Module	Support Beidou, GPS positioning
Storage	Medium	External TF card slot, optional TF encryption card
Power Supply	Input	DC 5V, 2A
	Battery	Large capacity battery, can work continuously for about 8 hours
Featured Application	Intelligent Application	Support collision alarm, dynamic detection of taking off helmet, and safety helmet detection, expandable face recognition, etc.
Others	Working Temperature	-25°C ~ 60°C
	Working Humidity	10% ~ 80%
	Color	Yellow, Blue, Red, White

Product Model

Model	Description
TSP290-B-LAx-1H	Wireless Helmet Video Terminal