

Wireless Video Edge Computing Terminal



Main Feature

- ※ Adapt to all network, support 5G/4G/3G transmission
- ※ Support 4 channel 1080P (optional 1 channel 4K) network HD video input
- ※ Support 4 channel face detection / license plate recognition / face recognition
- ※ Support H.264/H.265 video compression algorithm
- ※ Each channel of video supports three streams: one channel of IPC pass-through stream, two channels of decoding and recoding streams, two channels of which transcoding stream supports custom OSD overlay without changing the IPC configuration
- ※ Support two-way hand microphone intercom
- ※ Built-in WiFi, 5.8G high-speed bandwidth
- ※ Dual TF card storage, single card supports up to 1T
- ※ Support Beidou/GPS dual-mode positioning
- ※ Support RS232, RS485, alarm and switch output

TSM610-E wireless video edge computing terminal is a mobile video surveillance product for HD and UHD monitoring needs. The product adopts high-speed processor and embedded operating system, combined with H.264, H.265 video compression/decompression technology, 5G/4G/3G network technology, artificial intelligence technology, Beidou, GPS positioning technology, WiFi and other technologies to achieve HD resolution video recording, vehicle driving information recording and remote video uploading, cooperate with software can realize remote video monitoring, audio intercom, vehicle intelligent dispatch management, alarm linkage, intelligent data analysis (face detection, face recognition, license plate recognition, etc.) . The product has the characteristics of strong shock resistance, stable transmission, flexible and convenient installation, comprehensive functions, and high reliability. It can be widely used in public security, traffic police, procuratorate, court, national security, armed police, border defense, customs, road administration, escort, drug control and other occasions.

Application Industry



Public Security



Traffic Police



Procuratorate



Court



National Security



Armed Police



Customs



Road Administration



Escort



Anti-drug



Border Defence



Urban Management

Product Parameters

Model		TSM610-E
System	Operating System	Linux
	Access Platform	iCVS2.0, GB/T 28181, GA/T 1400
	Real Time Clock	Support
Video	Input	4 channel network high definition aviation plug
	Video Access Protocol	Onvif, iCAP, RTSP protocol
	Output	1 channel HDMI interface
	Resolution	Support resolution: 4×1080P, 4×720P, etc. or 1*4K
	Compression Standard	H.264/H.265
	Bit Stream	Support dual stream, one channel adaptive transmission, one channel local storage
	Bit Rate	16Kbps~10M
	Frame Ratio	1~25fps
Audio	Input Channel	Support 4 channel input, support external wired hand microphone
	Output Channel	Support 4 channel output, support external wired hand microphone, external audio
	Compression Standard	G711A/G711U/AAC
Network	5G/4G	5G NSA & SA, backward compatible with 4G; 4G, dual sim card
	Ethernet	10/100M adaptive full duplex
	WiFi	802.11a/b/g/n, 2.4G, 5.8G
Storage	TF Card Storage	Dual TF card storage, single card maximum support 1T
Positioning	Positioning	Support Beidou, GPS dual-mode positioning
Interface	Alarm	2 channel alarm input, 1 channel switch alarm output
	Serial Port	Support 1 channel RS232 and 1 channel RS485 transparent serial port data acquisition and control
Power Supply	Power	DC 8~36V
	ACC Switch Machine	Support
Intelligent	Application	Support four channel face detection, face recognition, license plate recognition
Others	Working Temp. & Humidity	-20~70°C; ≤95%
	Size	116.02mm × 41.57mm × 147mm

Product Model

Model	Description
TSM610-E-LA1NA1-4N-I-EC	Public security emergency response, 5G + 4G version
TSM610-E-LA1NA1-4N-IS	Safe production, 5G + 4G version