

TSM610-E-I

5G Intelligent Vehicle-mounted Video Box



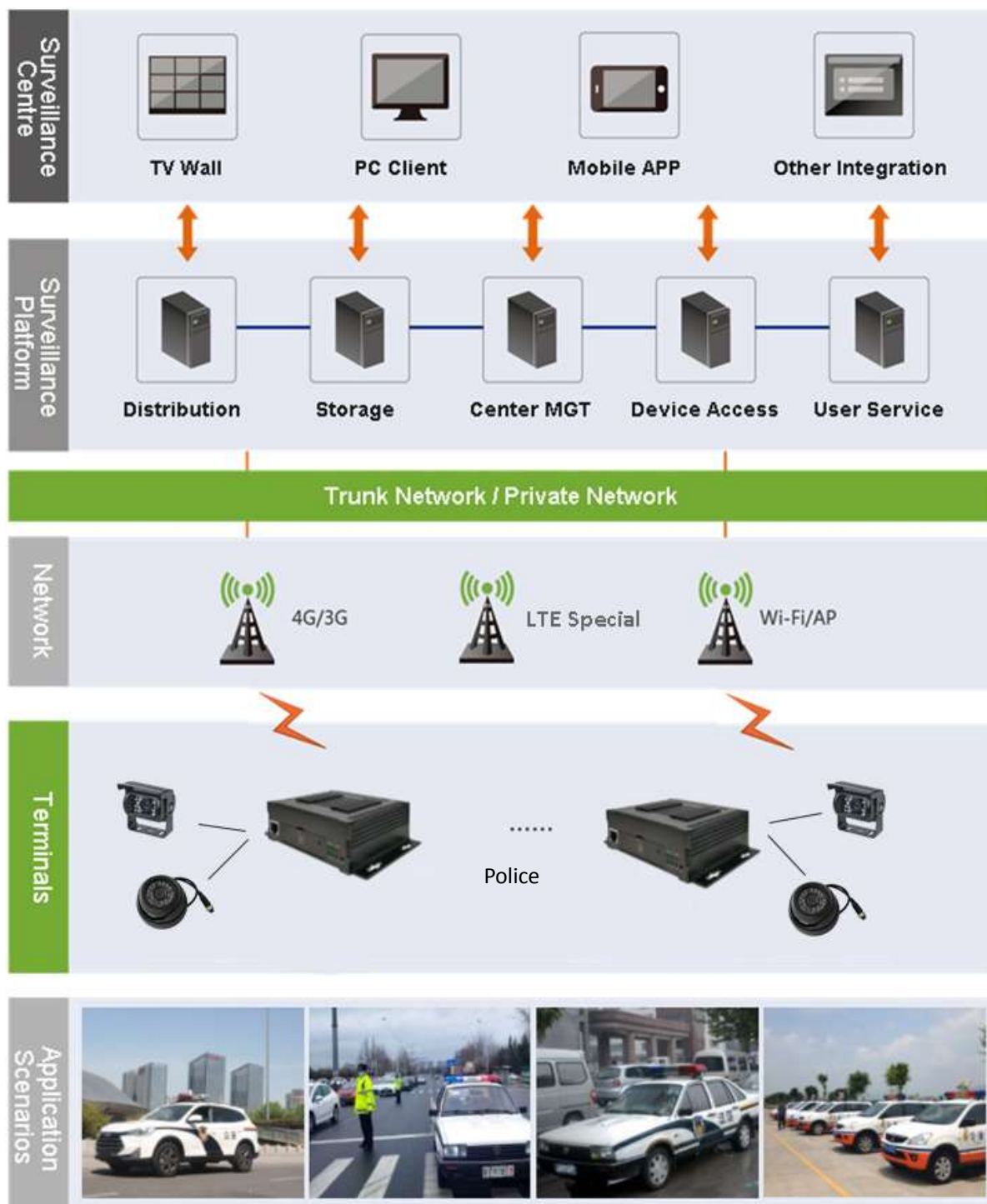
Product Brief

TSM610-E-I 5G intelligent vehicle-mounted video box is a vehicle-mounted mobile video surveillance product for HD and Ultra HD surveillance. 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, which can realize HD video record, vehicle traveling information record and remote video upload, with central software which can realize remote video monitoring, audio intercom, vehicle intelligent scheduling management, alarm linkage, intelligent data (face detection, face recognition, license plate recognition, etc.) analysis. 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.

Feature

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| * Adapt to the all network, support 5G / 4G / 3G transmission | bandwidth adaptive code image transmission |
| * Support 4 channel 1080P (optional 4K) network HD video input | * Support two-way hand microphone intercom |
| * Support 4 channel face detection / license plate recognition / face recognition | * Built-in Wifi, can use mobile phone and tablet to preview video |
| * Support H.264 / H.265 video compression algorithm | * Dual TF card storage, single card supports up to 256G |
| * Support dual stream: one channel HD local storage, one channel | * Support Beidou / GPS dual-mode positioning |
| | * Support RS232, RS485, alarm and switching output |
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System application



Industrial Application

Public security

Procuratorate

Territory Security

Customs

Escort



Traffic police

Court

Armed police

Road administration

Drug control

Technical Parameters

System	
Operating system	Linux
Access platform	iCVS2.0、GB/T 28181、GB/T 1400
Real time clock	Support
Video	
Input	4 channel network HD aviation plug
Video access protocol	Onvif, iCAP, RTSP protocol
Output	1 channel HDMI interface
Resolution	Support resolution: 4×1080P, 4×720P etc.
Compression standard	H.264/H.265
Stream	Support dual stream, one channel adaptive transmission, one channel local storage
Bit rate	16Kbps~10M
Frame rate	1~30fps
Audio	
Input	Support 4 channel input, support external wired hand microphone
Output	Support 4 channel output, support external wired hand microphone, external speaker
Compression standard	G711A/G711U/AAC
Network	
5G/4G	5G NSA & SA, backward compatible with 4G; 4G version supports dual cards
Ethernet	10/100M adaptive full duplex
WiFi	802.11a/b/g/n, 2.4G
Storage	
TF card storage	Dual TF card storage, single card supports up to 256G
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	
Power	DC8~36V
Intelligent	
Intelligent application	Support 4 channel face detection / face recognition / license plate recognition
General	
Temperature & humidity	-20~70°C; ≤95%
Size	116.2mm×41.57mm×14.7mm

Model

TSM610-E-I	5G NSA & SA, backward compatible with 4G
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