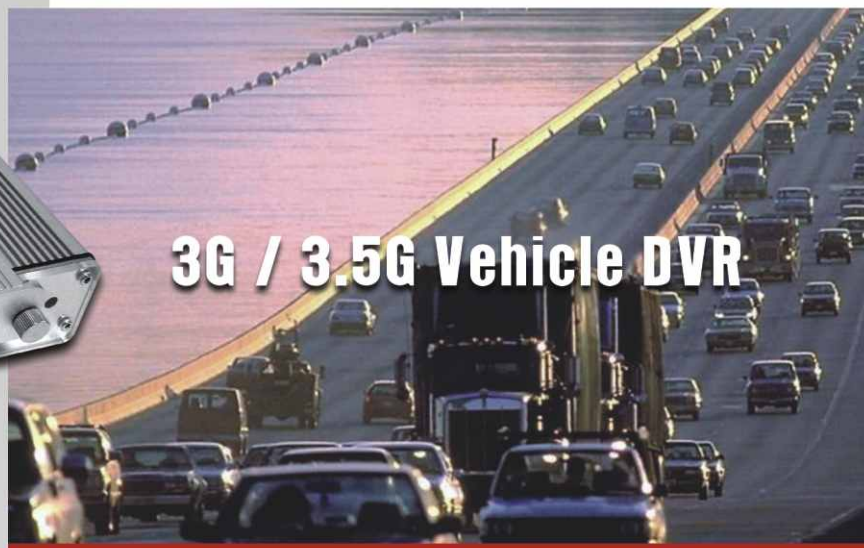


Vehicle CCTV



Vehicle Encoder Module
VEM-TX1

Vehicle 168



3G / 3.5G Vehicle DVR

Vehicle Encoder Module (Optional)

- Embedded Hardware Design
- H.264 Video transmission
- USB interface for 3G/3.5G wireless modem
- Support LAN / Wireless transmission(Optional)

Digital Video Recorder

- Embedded RTOS
- 4ch, 120pps REC
- Fanless
- Anti-Resonance

Anti- Vibration

Anti-Shock

Class 3, Category B (4-wheel Vehicle)

Complied with International Vehicle Standards

- **IP54**

- Weather-proof
- Dust-proof

- **Anti-Condensation Protection**

- **Aluminum Enclosure**

- Compact, 1-DIN size, Dashboard mountable

- **Wavelet Codec**

No **mosaic & paint** effect in following conditions

- Cloudy day
- Rainy day
- Night time

- **Extremely Low Power Consumption**

- Full loading: less than 7W

- **Ignition-off AFT REC (1 ~ 60 min)**

- **Vehicle Specified Connector**

- **Sleeping-mode Panic REC**

- Back to REC mode within 3 sec. When "Panic" button being triggered (when ignition off)
- Consume less than 0.1mA

- **Temperature Management**

- Built-in thermosensor
- Ensure 2.5" HDD working within the range

- **Power Management**

- Power-on Delay
- Power control & supply to cameras/GPS & etc.

- **Ease of Video Backup**

- Built-in USB 2.0 on the rear of HDD Caddy
- Smart Off-line playback software (supplied)

- **Smart Off-line Playback Software**

- Google E-Map (must be on Internet)
- Local E-Map (on request)
- By using any Windows PC; you can review/export REC video
- REC audio
- Driven Route (MUST have the optional in-car GPS sensor)

- **IR Ctrl**

- Extension IR cable supplied

- **G Force & Others**

- G-force sensor built-in
- Day-time Saving Adjustment

- **3G/ 3.5G Ready CMS**

- Real-time Video Monitoring
- Real-time Audio bi-direction communication
- Real-time GPS location Tracking
- Event Log (Video/Audio/ location) Management

Specification

Vehicle EncoderModule / model #: VEM-TX1(Optional)		
Video Input		NTSC / PAL
RS232		X1
Audio Input		X1
Audio Output		X1
USB 1.1 port		X1
Digital Video Recorder/ model #: Vehicle168		
Video System	Video Standard	NTSC / PAL
	Video Input	4
	Capture Resolution	CIF (360 x240) / (360x 288)
	TotalFrame Rate (NTSC/PAL)	120 / 100pps
	Image Processing	OSD adjustment of bright, contrast, color and hue
	Data Output Format	AVI (audio & Video) or JPEG & E-map with Vehicle Driven Route
	Storage	SATA 2.5" Removable HDD
I/O Interface	Monitor Out	x 1
	Alarm In	x 4
	Serial	RS232_Rx, RS232_Tx
	Audio In /out	x 2 / x 2
	Panic button	Yes
Power Requirement	Power Consumption	< 7 W(DVR); < 10W(DVR + HardDisk)
	Input Voltage	+12Vdc/+24Vdc (battery)
Environment	Temperature	<ul style="list-style-type: none"> •Operating: 0~50 °C •Storage: (-)20 °C to (+)85 °C
	Relative Humidity	5-95% @ 50 °C, non-condensing, Operating
	Vibration & ShockResistance	Class 3, Category B, CNS7137 D3067, equivalent to <ul style="list-style-type: none"> •IEC EN60068-2-6 •JIS D1601-1990 •SAE J575
Physical Characteristics	Construction	Aluminum Enclosure
	Mounting	Din-rail mounting
	Dimension (W x D x H)	198 x 170 x 48 mm
Vehicle Route Tracking	E-map	PaPa Go & Google Map
Superior Advantages Setting	Day time saving Setting	0, +1
	G-Force setting	OFF, High, Middle, Low
	Lowest Temp REC	5 °C, 0 °C, ..., -20 °C
	Highest Temp REC	65 °C / 149 °F (fixed)
	GMT Offset	Yes
	Event Log Type	Panic, Start, Stop, Alarm, G-Force
	Aft Ignition REC	0~60 mins

Note 1: We don't sell, or supply any media data. Users have the 100% responsibility to download the data from the legal source.



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Specifications are subject to change without prior notice

E13 CE FC RoHS

OEM/ODM Project Support

Vehicle-4-3