

Vehicle DVR



Vehicle Encoder Module
VEM-TX1

Vehicle 168



Vehicle Encoder Module(Optional)

- Embedded Hardware Design
- H.264 Video transmission
- USB interface for 3G / 3.5G wireless modem

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 6 sec. When "Panic" button being triggered (when ignition off)
 - Consume less than 0.1mA
- Temperature Management
 - Built-in thermo sensor
 - 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)
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 - 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

SPECIFICATIONS

Vehicle Encoder Module / model #: VEM-TX1 (Optional)		
Video Input		NTSC / PAL
RS232		X 1
Audio Input		X 1
Audio Output		X 1
USB 1.1 port		X 1
Digital Video Recorder / model #: Vehicle168		
Video System	Video Standard	NTSC / PAL
	Video Input	4
	Capture Resolution	CIF (NTSC: 360 x 240; PAL: 360 x 288)
	Total Frame Rate (NTSC/PAL)	120 / 100 pps
	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	X2 / X2
	Panic button	Yes
Power Requirement	Power Consumption	< 7 W (DVR); < 10W (DVR + Hard Disk)
	Input Voltage	+12V DC/+24V DC (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
Physical Characteristics	Vibration & Shock Resistance	Class 1, 2 & 3, Category B, CNS7137 D3067, equivalent to <ul style="list-style-type: none"> ● IEC EN60068-2-6 ● JIS D10601-1990 ● SAE J575
Superior Advantages Settings	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
Vehicle Route Tracking	E-map	PaPa Go & Google Map

Note: Specifications subject to change without prior notice.



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