

- ▲ NDAA Compliant
- ▲ 4/8 channels real-time recording and live display
- ▲ Built-in 4/8 PoE port, 802.3af/at
- ▲ Built-in GPS precisely positioning
- ▲ Built-in G-sensor for vehicle vibration alerts
- ▲ Support Wi-Fi / Bluetooth Module
- ▲ Support 4G / 5G Module (optional)
- ▲ Programmable power management



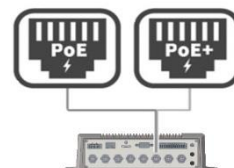
Transportation Surveillance

With built-in G-sensor, this product is designed for transportation surveillance to provide driving safety control. Also, the embedded GPS module, which is able to track vehicle movement, helps remote monitoring the safety of both drivers and passengers.



PoE Management

User can use the POE Management interface to monitor or configure POE power consumption, network connection quality, and control the POE power. With this function helps reduce extra devices and cost during installation.



Features

- Built-in 4/8 CH RJ-45 or aviation-plug inputs for IPCAM
- 720P / 1080P / 3MP / 5MP / 8MP IPCAM support
- H.264 / H.265 recording and playback
- NVR configuration via mobile APP
- Support operation methods : mobile APP, web page
- G-sensor provides vehicle bump or impact warning
- GPS module to precisely positioning the vehicle
- 4G / 5G / WiFi providing flexible data transmission
- Two-way audio for NVR to Client
- Built-in SATA interface for 2.5" SSD or HDD
- Support USB for data export
- Support I/O interface to collect driving information - left/right turn, braking, reversing . . .
- Support Event-record - Camera's event or System's event (HDD, GPS, G-sensor . . .)
- Support Post-record for manual alert
- Support CAN bus for further integration
- Programmable delay time for power startup/shutdown
- Wide-range power input (10-36VDC)
- Enter sleep mode to minimize power drain when engine off

Preliminary

Specification

MODEL NAME		JM-04	JM-08
System			
Operation System	Embedded Linux		
CPU core	ARM Cortex-A53 dual core 1.2GHz		
DRAM	DDR3L 512MB x2		
USB Port	USB2.0 x2		
HDMI Port	1920x1080@60fps		
SIM card slot	Mini-SIM card slot x2		
Video & Audio			
IP Camera Input	Up to 4CH	Up to 8CH	
Video format	H.264 / H.265		
Video resolution	720p, 1080p, 3M, 5M, 8M		
Audio Input (Depends on Camera)	Up to 4CH ; 64Kbps/CH	Up to 8CH ; 64Kbps/CH	
MIC Input	x1, Terminal Block		
Speaker Output	x1, HDMI ; x1, Terminal Block (max 2W)		
Recording / Playback			
IPCAM Throughput (total)	Average : 20 Mbps ; Peak : 25 Mbps	Average : 40 Mbps ; Peak : 50 Mbps	
IPCAM Recording	Real-time recording, dual-stream supported		
IPCAM decoding	Up to 120fps@D1 or 30fps@8M	Up to 240fps@D1 or 30fps@8M	
Video Display	4CH real-time display (live or playback)	8CH real-time display (live or playback)	
Storage and I/O			
Build-in SATA Interface	SATA3 x2 , 2.5" HDD Cartridge		
Build-in GPS	SMA x1		
Ignition-Input	x1, Terminal Block		
Digital-Input	x4, Terminal Block		
Digital-Output	Relay output x4, Terminal Block		
Serial Interface	RS232 x1 , DB-9		
	RS485 x1 , Terminal Block		
	CAN bus x1 , Terminal Block		
Network			
Network Port	RJ-45 x1 , 10/100 Mbps		
4G/5G (optional)	4G/5G Module ; SMA x1		
WiFi/BT	802.11 A/B/G/N module ; SMA x1		
LAN port with PoE	x4, 10/100 Mbps, RJ-45 or aviation plug	x8, 10/100 Mbps, RJ-45 or aviation plug	
PoE Level	x4, IEEE 802.3 af/at	x8, IEEE 802.3 af/at	
PoE total Power Budget	40W	80W	
General			
Unit Dimensions (mm)	T.B.D	T.B.D	
Unit Weight (kg)	T.B.D	T.B.D	
Heater	Yes		
Operation Temperature	-40℃ to 60℃		
Operation Relative Humidity	10% ~ 90% Non-condensing	10% ~ 90% Non-condensing	
System Power Supply	Input : DC 10V~36V, 100W(max) PoE≤40W	Input : DC 10V~36V, 150W(max) PoE≤80W	

Product specification and availability subject to change without notice.

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