



Active System Integration

CP-SMR-1616M2V

H.264 Video Compression

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Technical Specification

Operating System	Embedded Real-time Linux
Operation Interface	Semi-transparent GUI
Video Systems	NTSC/PAL
Total Resource	16 Ch. 2CIF
Resolution	PAL: D1 (704 × 576), HD1 (704 × 288), CIF (352 × 288) NTSC:D1(704×480), HD1(704×240), CIF(352×240)
Compression	H.264/ADPCM
Audio Input	16 Channels(Aviation-Din x16)
Audio Output	2 Channels(Aviation-Din x2)
Video Input	16 Channels(Aviation-Din x16)
Video Output	2 Channels(Aviation-Din x2)

Features

- Total resource 16Ch CIF
- Built-in 3G module for remote monitoring
- H.264 video compression
- Supports 2 HDD (up to 2TB)
- Built-in power protecting function
- Revolutionary anti-vibration design for 360°
- Pre-recording max. 60 mins
- CE, FCC, RoHS



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Recording Mode	General/schedule/alarm (sensor trigger, speed, acceleration, video loss, temperature)
Pre-recording	1 ~ 60 minutes
Post-recording	30 ~ 1800 seconds
OSD	GPS information, alarm, temperature, acceleration, voltage, device information, firmware version, MCU version, network status
GPS	GPS location tracking, speed detection and sync time (for both internal & external)
Video Display Split	1/4/9/16
Image Quality	1~8 levels adjustable (1 is the best)
Mirror Recording	Supports
Sensors	8 Inputs, 2 Output
Playback	1 Ch. by local playback, 1/4/8/16 channels by playback software
USB	USB 2.0 X 2
Hard Disk	2.5" SATA HDD Max 1TB x 2
Search Mode	Date/time, channel, event
Backup Mode	USB, HDD, Network
3G Support	HSDPA/EVDO
Mic	HSDPA/EVDO
WiFi Support	802.11 b/g/n



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Ethernet	RJ45 port (10/100M)
Serial Ports	RS232 × 2, RS485 × 2
Power Input	8 ~36 V
UPS	Uninterrupted power supply for MDVR
Power Output	12V max 2A; 5V max 2A
Power Consumption	< 15W (without cameras and any accessories)
Dimensions(WxHxD)	251mm × 190mm × 78mm
Weight	4Kg
Operating Temperature	-10°C ~+ 65°C (please use built-in heater if the temperature is below 0°C)
Relatively Operating Humidity	8%~90%
Vibration Resistance	< 2 Grms
Shock Resistance	< 1200 Grms
Certifications	CE, FCC, RoHS