

Cygnus 2in1 CCTV System

Mobile Digital Video Recorder



Product Features:

- Waterproof & Dustproof IP67
- 4 x 720P AHD/ 960H/ D1/ HD1/ CIF + 1 x IPC (720P/1080P)
- Internal G-Sensor, with GPS, 3G/4G, Wi-Fi (5.8 Ghz) optional
- Storage unlimited with 2.5" SSD + SD Card slot x 1 (up to 128GB)
- On board UPS 8 second delay power-off for data protection
- 8V-36V wide voltage power supply
- Dimensions: 146X155X38mm

System	
Language	English / Chinese
Operation Interface	Graphical User Interface (OSD menu)
Password Security	2 Levels: Administrator & User
Video	
Video Input	A: Supports 4 channels CIF/HD1/D1/960H camera Video input B: Supports 4 channels 720P AHD camera Video input C: Supports 2-CH 720P AHD + 2-CH 960H analogue mixing Video input D: Supports 1-CH 720P/1080P IPC + 4-CH 960H/D1/CIF Video input E: Supports 1-CH 720P/1080P IPC + 4-CH 720P AHD Video input
Video Output	1 Channels (Rear Panel on RJ45&AV-OUT Port)
Video Display	Single picture, 1~5 pictures
Signal System	PAL / NTSC (PAL@125 frame 720P/sec; NTSC@150 frame 720P/sec)
Image Compression	
Audio	
Audio Input	4 Channels
Audio Output	1 Channels
Record Format	Synchronized A/V recording
Recording & Storage	
Image Resolution	CIF / HD1 / D1 / 960H / 720P / 1080P optional
Video Coding	ISO14496-10 Industry Standard
Video Bit Rate	CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps, 960H: 2048Kbps ~ 400Kbps, 720P: 4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
Audio Bit Rate	40Kbps
Storage	1 SSD and 1 SD card (at 3G/4G/WIFI model option)
Alarm	
Alarm Input	4 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
Alarm Output	2 Channel, 12V output
Communication Ports	
RS485	1 Port for PTZ control or Data Device usage
RS232	1 Port for communication or data usage
RJ45 Network	1 Port of RJ45(100M Ethernet port), For connection to an IP camera with maximum of 1080P

USB	1 Ports for USB 2.0, download video files & upgrade firmware
Wireless Communication*	
3G/4G*	Supported
Wi-Fi*	Internal Wi-Fi 802.11b/g/n/ac optional
GPS*	
Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	
Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges, for X, Y and Z coordinates
Software	
PC Playback	A/V, GPS, Map view, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
IVMS	Wireless (require Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc.
Software Upgrade	
Local or Remotely	Upgrade through the front USB2.0 or remotely via IVMS platform
Voltage Input	
+8V~+36V	8~36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
Voltage Output	
12V	12V (+/-0.2V) , Max 3A
ACC Detection	
≤4V	Power-off
≥6V	Power-on
Video Input Resistance	
75Ω	75Ω
Video Output Voltage	
2Vp-p	2VP-P CVBS output analogue signal, screen input requires 75Ω resistance
I / O Port	
<1V	Low voltage trigger
>5V	High voltage trigger
Operational Temperature	
-25°C~80°C	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	
146*155*38mm	