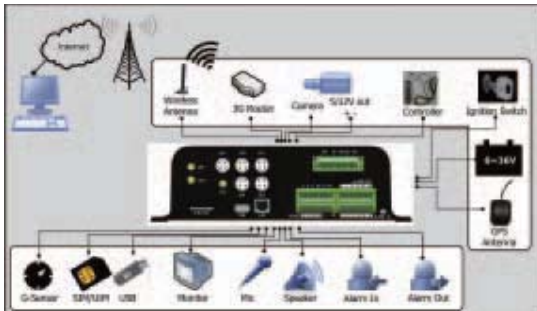# DS-8104HMI-A   Mobile DVR

Key Features

- H.264 video compression
- Up to 4CIF resolution recording
- 2x2.5-inch SATA interfaces
- Patented hard disk vibration-proof and bracing technology
- Built-in 3G (WCDMA/cdma2000) module (optional)
- Built-in GPS module

Rear Panel of DS-8104HMI-A

1. DC in power input & key startup control interface
2. Aviation plug for video/audio input, power output
3. Video / audio output
4. Main / Aux antenna interface for wireless network
5. SIM / UIM card interface
6. GPS antenna interface
7. USB interface
8. LAN network interface
9. DC out power output (+5V/+12V)
10. RS485 interface
11. Wired-remote control
12. Alarm input
13. Alarm output

Specifications

	DS-8104HMI-A
Video/Audio input	
Video compression	H.264
Video input	4-ch, aviation interface (PAL / NTSC self-adaptive; 1.0 Vp-p, 75 Ω)
Audio compression	OggVorbis, 16Kbps
Audio input	4-ch, aviation interface (linear level, 1 kΩ)
Video/Audio output	
Preview resolution	PAL:704×576, NTSC:704×480
Encoding resolution	4CIF/ DCIF / 2CIF / CIF / QCIF
Video output	1-ch, aviation interface (PAL / NTSC self-adaptive; 1.0 Vp-p, 75 Ω)
Frame rate	4CIF:6fps DCIF:12fps 2CIF:15fps CIF/QCIF:25fps (P) /30fps (N)
Video bit rate	32 Kbps~2048 Kbps, or user defined (max. 8 Mbps)
Audio output	1-ch, aviation interface (linear level, 600 Ω)
Stream type	Video, Video & Audio
Hard disk	
SATA	2 SATA interfaces
Size	2.5-inch
External interface	
Network interface	1, RJ45 10M / 100M self-adaptive ethernet interface
3G antenna interface	2 antennas, SMA interface
Serial interface	1, RS-485 interface
USB interface	1, USB 2.0
Alarm in	7-ch input, the 8th channel is reserved
Alarm out	2-ch
Remote control	IR remote controller
GPS	Built-in GPS module, 1 antenna, SMA interface
General	
Power input	6-36 VDC
Power output	12V/2A DC, 5V/2A DC output, built-in resettable fuse
Power-off delay	Shut down delay after ignition off (from 5mintes to 6hours)
Schedule On/Off:	Daily scheduled power on/off (00:00~24:00)
Consumption	≤ 10W (without SD cards)
Working temperature	-15 °C ~ +55 °C
Working humidity	10%~95%
Dimensions (W × D × H)	210 × 236 × 73 mm
Weight	≤ 3kg (without SD cards)