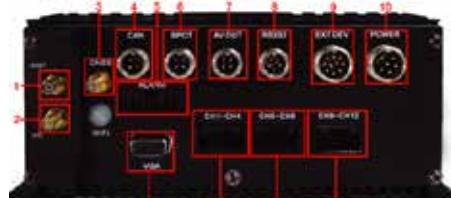# DP-9000HMFI-ST
Mobile DVR

Key features

• Each channel supports up to WD1 encoding.

• Standard H.264 video compression.

• Pluggable 2.5-inch HDD/SSD SATA disks.

• Patented hard disk vibration reduction technology.

• Built-in 3G, GPS module.

• Delay (0min~6h) shutdown and 24-hour scheduled startup/shutdown configurable.

• Wide-range power input (+8 VDC ~+36 VDC).

Front Panel of DS-9000HMFI-ST

1. AV OUT. 2. Network interface.

3.USB/eSATA interface.

4.PWR: Power indicator.

   GNSS: Global Navigation Satellite System indicator.

   RDY: Ready indicator; 3G: 3G indicator.

   REC: Recorder indicator; ALM: Alarm indicator

   IR: Receiver for IR remote.

5.SD card slot.

Rear Panel of DS-9000HMFI-ST

1.3G Antenna interface. 2.WiFi antenna interface.

3.GPS antenna interface. 4.Reserved.

5.ALARM & SENSOR interface. 6.Reserved.

7.4-pin aviation plug for video and audio output.

8.RS-232 interface. 9.RS-422 interface.

10.Power input.

11.VGA video output interface.

12~14.Integrated interface for audio & video input and voltage output of channel 1~4, 5~8, 9~12.

	DP-9008HMFI-ST	DP-9012HMFI-ST
Video/Audio input		
Analog video input	8-ch	12-ch
	Aviation plug (1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive	
Audio input	8-ch	12-ch
	Aviation plug (linear electrical level, 1 KΩ)	
Video/Audio output		
Video output	2-ch CVBS video output, aviation plug (1.0 Vp-p , 75 Ω) Resolution: PAL: 704 × 576, NTSC: 704 × 480	
Audio output	2-ch, aviation plug (linear electrical level, 600 Ω)	
Video/Audio compression		
Video compression	H.264	
Encoding resolution	WD1/4CIF/2CIF / CIF	WD1/4CIF/2CIF / CIF
Video frame rate	PAL: 1 ~ 25 fps, NTSC: 1 ~ 30 fps	
Video bitrate	32 Kbps ~ 2048 Kbps, or user defined (Max. 4 Mbps)	
Stream type	Video, Video & Audio	
Audio compression	G.722	
Audio bitrate	16 Kpbs	
HDD Disk		
HDD Type	2, 2.5-inch SATA interfaces for Pluggable HDD/SSD disks	
HDD Patent	Patented hard disk vibration reduction technology	
Data Backup	Backup by pluggable HDD/USB/eSATA devices	
Wireless transmission		
3G	WCDMA module	
WiFi	Extend WIFI module, 802.11 b/g/n, 2.4 GHz (reserved)	
GPS		
GPS	Built-in high-sensitivity GPS chip	
G-sensor		
G-sensor	Built-in	
External Interfaces		
Driving Information Collection	4-ch high/low-level signal input, 1-ch pulse signal input(reserved)	
Alarm In	3-ch high/low-level signal input	
Alarm Out	2-ch relay output	
LAN	1 RJ-45 network interface	
Antenna interface	SMA interfaces for 1 3G antennas, 1 WIFI antennas and 1 GPS antenna	
USB Interface	1 USB 2.0 interface	
eSATA Interface	1 eSATA interface	
Serial Interface	1 aviation plug for RS-232; 1 aviation plug for RS-422	
SIM/UIM	1 standard SIM/UIM slot(extend)	
SD/SDHC	1 standard SD/SDHC slot	
Others		
Operating System	Embedded Linux Operating System	
Power Supply	Input: +8 ~ +36 VDC; Output: +12 VDC / 2A, +5 VDC / 2A / 15W	
Operating Mode	IR Remote Control	
Safety Certification	EN-50155	
Working Temperature	-15ºC ~ +55ºC	
Working Humidity	10% ~ 95%	
Size(W×D×H) / Weight	1.5DIN / 3.25kg	
Warranty	3 Years	