DS-MP5YYY/GLF/WI Series Mobile Video Recorder

Main Features

- User-friendly GUI providing easy and flexible operations.
- Pluggable 3G/4G module and Wi-Fi module providing flexible data transmission solutions.
- Hikvision private protocol (4000 protocol) and ONVIF supported.
- Accepts access of 4 HD TVI cameras with up to 720p resolution for each channel.
- Accepts access of 4 IP camera with up to 720p resolution for each channel (extendable via PoE switch).
- Pluggable dummy HDD for HDD with up to 2 TB capacity.
- Information collection interfaces collecting driving information such as left/right turn, braking, reversing, etc.
- Specialized aviation connectors ensuring signal stability.
- Shutdown delay (0 h to 6 h) and 24-hour scheduled startup/shutdown.
- Battery protection avoids vehicle from running out of battery.
- Wide-range power input (+9 VDC to +32 VDC).
- Power-off protection prevents key data loss.
- Aluminum die-cast chassis with no fan design well adaptable to working environment.
- Software-based firewall supported.
- Connectable to PTZ camera and PTZ control is supported.
- Support accessing via WEB browser.

Available Models

DS-MP5YYY/GLF/WI (Supports 4G dialing and 5.8 G Wi-Fi)

Specifications

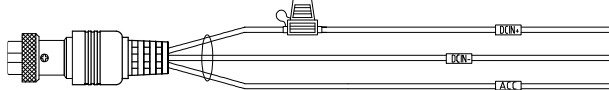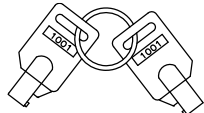| Model		DS-MP5YYY/GLF/WI
Video/Audio Input	Analog Camera	4 analog cameras with up to 720p resolution
	IP Camera	4 IP camera with up to 720p resolution (extendable via PoE switch)
	Two-way Audio	1, integrated in EXT.DEV interface
Video/audio output	Video Output	Main output: 1, integrated in EXT.DEV interface
		VGA: 1
	Audio Output	1
Encoding/decoding parameters	Video Compression	H.264, H.264+
	Encoding Resolution	Main stream: 720p/WD1/4CIF. Sub-Stream: 4CIF/2CIF/CIF
	Frame Rate	PAL: 1 to 25fps; NTSC: 1 to 30fps
	Audio Compression	G.711
	Stream Type	Video, Video & Audio
	Audio Bitrate	16 Kbps
	Dual Stream	Supported
Storage	HDD/SSD	1 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD
		A dummy HDD with USB 3.0 interface
	SD Card	1 × SD card, up to 256 GB
Wireless network	3G/4G Dialing	1 × 3G/4G card, 1 ×Rosenberger antenna
	Wi-Fi	2 × 5.8 G Wi-Fi SMA antenna
External interface	Network Interface	1 × 10M/100M RJ45 Ethernet interface
	Serial Port	2 × RS-232, 1 × RS-422 (integrated in EXT.DEV interface)
	USB Interface	● Front panel: 1 × USB 2.0 ● Rear panel: 1 × USB 2.0 of 5-pin aviation connector
	Sensor-in	4 high/low level signal inputs
	Alarm Input	4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input
	Alarm Output	2 relay signal outputs
General	Operating Method	Mouse, IR remote control, Web control, and touchscreen
	Power Supply	9 to 32 VDC
	Consumption	● Standby: ≤ 0.5 W ● Full load: ≤ 45 W (without peripheral and storage media) Note: Without peripheral and storage media ≤ 20 W
	Working Temperature	● Device that provides dummy HDD with heating function: -30 °C to +60 °C (-22 °F to 140°F) ● Other devices: -10 °C to +60 °C (14 °F to 140°F)
	Working Humidity	10% to 90%
	Dimensions (W × D × H)	206 × 219 × 60 mm (8.1 × 8.62 × 2.36 inch)
	Weight (Without Storage Media)	1.6 kg (3.5 lb)

Physical Interfaces

Front Panel
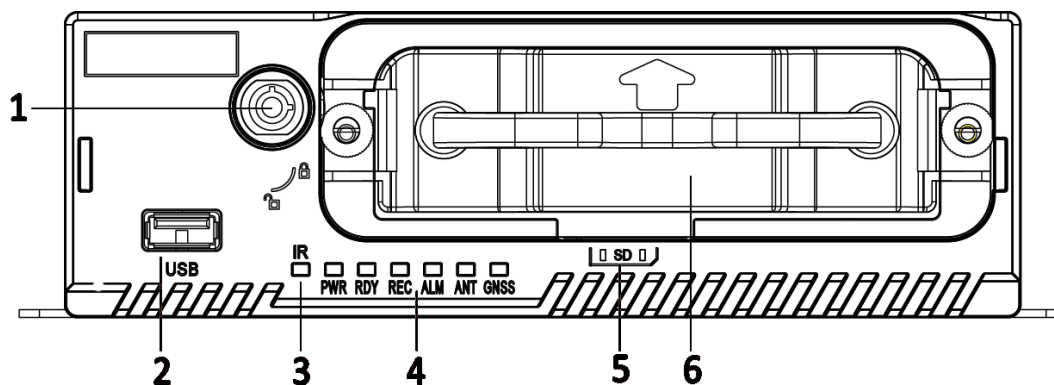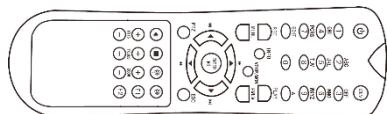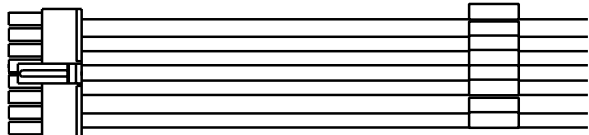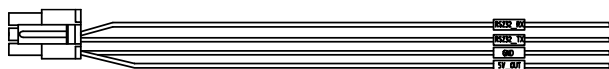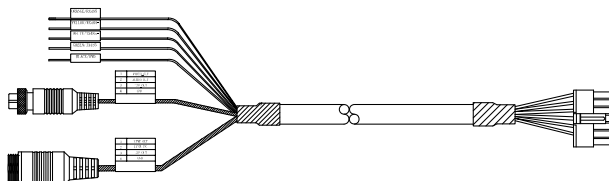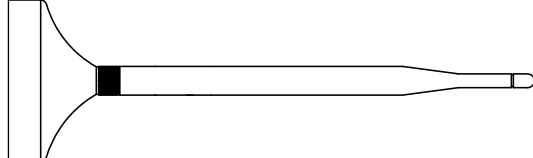
No.	Name	No.	Name
1	Dummy HDD/SSD lock		PWR: Power indicator
2	USB 2.0 interface		RDY: Ready indicator
3	IR receiver	4	REC: Record indicator
5	SD card slot		ALM: Alarm indicator
6	Dummy HDD/SSD		ANT: Dialing indicator

Rear Panel
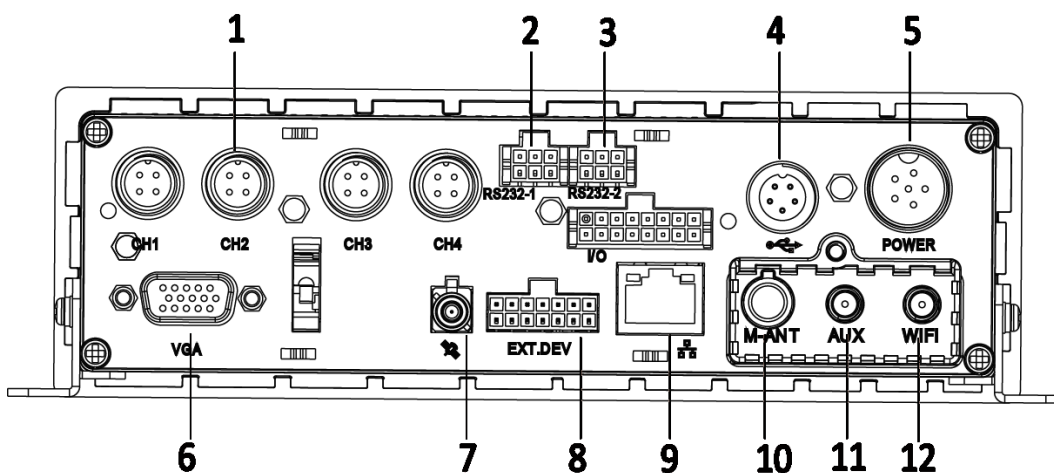
No.	Name		No.	Name
1	Analog video input		7	(Reserved)
2	RS232-1 interface		8	RS-422 communication interface, two-way audio interface, and CVBS video output
3	RS232-2 interface		9	Network interface
4	USB 2.0 of 5-pin aviation connector		10	3G/4G dialing antenna interface
5	Power supply		11	Auxiliary Wi-Fi antenna interface.
6	VGA video output interface		12	Wi-Fi antenna interface.

Packing List

Description	Quantity	Picture	Note
Fuse	2		
Power cord	1		
Key	1		
Remote control	1		
Alarm line	1		
Serial port line	1		
Extension cable	1		
Screwdriver	1		
3G/4G antenna	1		For GW and GLF model.
Wi-Fi antenna (5.8G)	2		For WI model.

Peripheral Connection

Display(VGA) Camera 1 To 4 Alarm Terminal

Automotive Battery
ACC GND DC Fuse

Intercom Terminal

Display(CVBS)

3G/4G Antenna

I/O

RS422

Automotive Battery
ACC GND DC Fuse

POE Switch

IPC 1 TO 4