HIKVISION

DS-M5500HMI E Series Mobile DVR

Introduction:

Adopting embedded Linux operating system, Hikvision DS-M5500HMI E series dedicated Mobile DVR (Digital Video Recorder) provides powerful monitoring functionalities, including audio and video encoding & decoding. It can both work alone as a recorder and cooperate with other devices to build a comprehensive surveillance system.

Thanks to the features of high stability, easy-to-carry and low power consumption, the DS-M5500HMI E series Mobile DVR is widely applied to the surveillance projects of public transportation, school bus, etc.
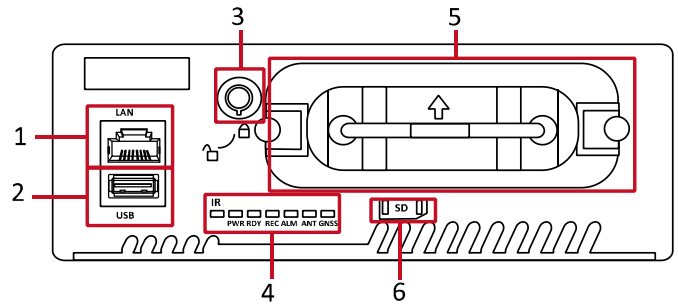
Available Models:

DS-M5500HMI/BNC E series

Main Features:

- User-friendly GUI providing easy and flexible operations
- Standard 1DIN dimensions, supporting embedded and bracket installation
- 2/4 analog channels of audio & video inputs connectable; each channel supporting up to WD1 resolution with H.264 encoding technology
- Information collection interfaces collecting driving information such as left/right turn, braking, backing up, etc.
- Delay (0~6h) shutdown and 24-hour scheduled startup/shutdown
- Wide-range power input (+8VDC ~+36 VDC)
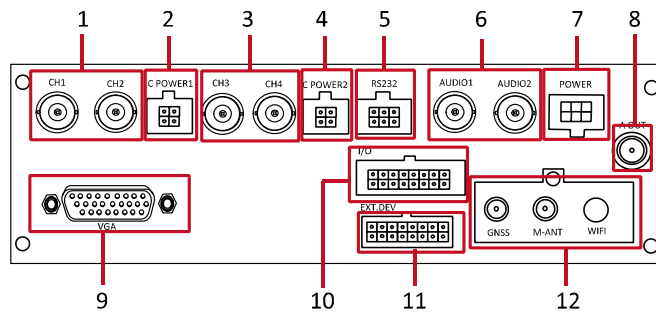- Tensile aluminum chassis with no fan design well adaptable to working environment

Physical Interfaces:

Front Panel

Index	Name	Description
1	LAN	10M/100M self-adaptive Ethernet interface
2	USB	USB interface
4	Indicators	**PWR: Power indicator** Light in green after device startup; light in red when device standby. **REY: Ready indicator** Light in green after device starts up properly. **REC: Record indicator** Light in green during recording process. **ALM: Alarm indicator** Light in red when alarm occurs.
6	SD card slot	Insert one SD card for data storage.

Rear Panel of DS-M5500HMI/BNC E series

Index	Name	Description
1	**CH1~CH2**	BNC interface; video input of channel 1~2
2	**C POWER1**	Provide power supply for connected camera
3	**CH3~CH4**	BNC interface; video input of channel 3~4
4	**C POWER2**	Provide power supply for connected camera
5	**RS232**	RS-232 interface
6	**AUDIO1** **AUDIO2**	Audio input of channel 1~2 (no audio input supported for channel 3~4)
7	**POWER**	Provide power supply
8	**AV OUT**	BNC interface for video output
10	**I/O**	3-ch high / low level signal input; 1-ch pulse signal input

NOTE

- Part function is optional. For details, see the actual device model.
- Pin definition of aviation plugs is for reference only. For details, see the tag on the corresponding component.

Specifications 1: DS-M5500HMI/BNC E series:

Model		DS-M5500HMI/BNC E series
Video/Audio input	Analog video input	2/4-ch
		BNC plug (1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive
	Audio input	2-ch
		BNC plug (linear level, 1kΩ)
Video/Audio output	CVBS output	1-ch
		BNC plug (1.0 Vp-p, 75 Ω); resolution: PAL: 704 ×576, NTSC: 704 ×480
Encoding/Decoding parameters	Video compression	H.264
	Encoding resolution	Main stream: WD1 / 4CIF / 2CIF / CIF
		Sub stream: CIF / QCIF
	Frame rate	PAL: 1~25fps; NTSC: 1~30fps
	Video bitrate	32Kbps~2Mbps; custom (Max.: 4Mbps)
	Audio compression	G.711
	Audio bitrate	16Kbps
	Stream type	Video, Video & Audio
	Dual stream	Supported
External interface	Alarm in	3-ch high/low level signal input; 1-ch pulse signal input; 3mm connector
	Alarm out	1-ch; 3mm connector
	Network interface	1; RJ45; 10M/100M self-adaptive Ethernet interface
	Serial interface	RS-232, 3mm connector
	USB port	1 × USB2.0
	SD/SDHC card	1, standard SD/SDHC card slot
General	Operating system	Linux
	Operating method	IE browser
	Power supply	Input: +8~ +36VDC; Output: 12VDC/2A, 5VDC/1A
	Consumption	Standby: Max. 0.5W; Full load: Max.20W (without 7-inch screen)
	Working temperature	-10 ℃ ~ +55 ℃ (14 ℉ ~ 131 ℉)
	Working humidity	10%~90%
	Dimensions (W×D×H)	178mm×170mm×50mm
	Weight	Aprox.1.6kg (without hard disk or SD/SDHC card)