DH-DVR0404ME-U/ME-H

4 Channel Mobile Standalone DVR
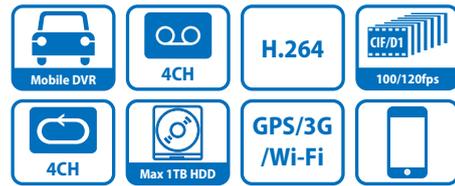
DH-DVR0404ME-U: 4 channel video inputs and 4 channel audio inputs. The 1st channel support 25/30fps at D1 and others channel support 25/30fps at CIF recording. It can support TV, VGA and USB2.0. GPS, Wi-Fi, 3G and SD card are optional.

DH-DVR0404ME-H: 4 channel video inputs and 4 channel audio inputs. It can support 100/120fps at D1 resolution recording. It can support TV, VGA and USB2.0. GPS, Wi-Fi, 3G and SD card are optional.

Features

- 4 channel mobile standalone DVR
- H.264 video compression algorithm ideal
- 1DIN compact size(the car CD machine standard size) and standard car electronic interface, easy for embedded installation
- Multi-information display and recording: Car Number, Time, Channel, GPS, Speed, support freely setting of overlay and recording
- Watermark technology prevent video data tampering, to ensure the authenticity of the record

- Support wide voltage car power supply input(8~60V), protection of overvoltage, under-voltage, short circuit and over-current
- Air connector interface used, provide excellent waterproof, shockproof performance
- Pluggable HDD-case used, provide powerful vibration-proof capability
- Multi-Interface such as USB 2.0, Ethernet port, RS232,RS485 port, VGA, Alarm in/out etc
- Built-in web server, multi-DVR client, DMSS & CMS

Rear Panel

Dimension(mm)
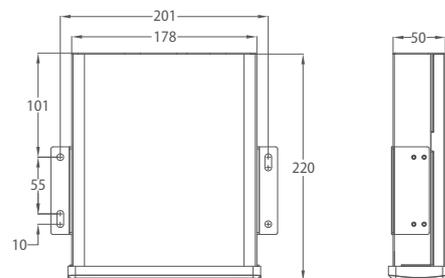
Specifications

Model		DH-DVR0404ME-U	DH-DVR0404ME-H
System	Main Processor	High performance embedded microprocessor	
	Operating System	Embedded LINUX	
	System Resources	Pentaplex function: live, recording, playback, backup & remote access	
	Control Mode	USB mouse, IR remote control, Keyboard, Network	
Video	Input	4 channel, Air connector to BNC(1.0Vp-p, 75Ω)	
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	
	Output	2 TV(1 Air connector to BNC, 1port extension), 1 VGA(RJ45 port extension)	
Audio	Input	4 channel, Air connector to BNC(200-2800mV, 30KΩ)	
	Output	1 channel, Air connector to BNC(200-3000mV, 5KΩ)	
	Bidirectional Talk	1 channel Input, (200-2800mV, 30KΩ), 1 channel Output, (200-3000mV, 5KΩ), 4-pin port extension	
Display	Display Split	1/4	
	Resolution	1280×1024, 1280×720, 1024×768, 800×600	
	Tour Display	Support	
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera	
	OSD	GPS information, Camera name, time, video loss, camera lock, motion detection, recording	
Recording	Video/Audio Compression	H.264 / PCM	
	Image Resolution	D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)	
	Encoding Speed	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6/7fps)	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps),
		Extra Stream: QCIF(1~25/30fps), CIF(1-6/7fps)	Extra Stream: CIF/QCIF(1~25/30fps)
	Bit Rate	32~2048Kb/s	
	Image Quality	1~6 level(level 6 is the best, VBR effectively)	
	Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop	
	Recording Priority	Manual >Alarm >MD >Regular	
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.	
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Snapshot	
	Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)	
	Video Loss & Camera Blank	Support	
	Alarm Input	7 channel	
	Relay Output	2 channel	
Playback & Backup	Playback Channel	1/2/4	
	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)	
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)	
	Backup Mode	Pluggable HDD-case / Flash drive / USB HDD / USB CD / DVD-RW / Network download	
Network	Ethernet	RJ-45 port (10/100M)	
	Wi-Fi	Optional	
	3G	Optional	
	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server	
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information	
Hard Disk	Hard Disk	1 SATA 2.5-inch HDD, Pluggable HDD-case	
	SD Card	Optional (2 SD card supported)	
	Space Occupation	Audio: 28.8MB/H, Video: 56~900MB/H	
	HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)	
Auxiliary Interface	USB Interface	2 ports, 1 in front, another extension	
	RS232	2 ports, RJ11,Communication	
	RS485	PTZ control	
	GPS	Optional	
Environmental	Power Supply	+12V / +24V / +60V(+8V~+60V)	
	Power Consumption	<15W(with HDD)	
	Working Environment	0~+55℃ / 10%~95%RH / 86~106kpa	
	Dimension	178mm×220mm×50mm(W×D×H)	
	Weight	2.1KG(with HDD)	
	Vibration-proof	5Hz~300Hz: X / Y / Z each direction 8 hours	
		5Hz~11Hz: Vibration amplitude 10mm	
		11Hz~300Hz: 50m/s2	