

CEN102HD

Mobile Digital Video Recorder



Main Features

- Supports 8 channels WD1+4 channels IPC (720P) OR 4 channels WD1+8 channels IPC (720P)
- Modular design for easy maintenance
- Revolutionary anti vibration technology for 360 degree installation
- Supports 2.5" 2TB hard disk storage and SD card for mirror recording
- Dual streams for local recording and wireless transmission
- Internal GPS for real time location and speed tracking
- Built-in 3G/4G for live view and remote management (optional)
- Internal WIFI 802.11N supported for alarm files download (optional)
- Built-in inertia sensor

Overview

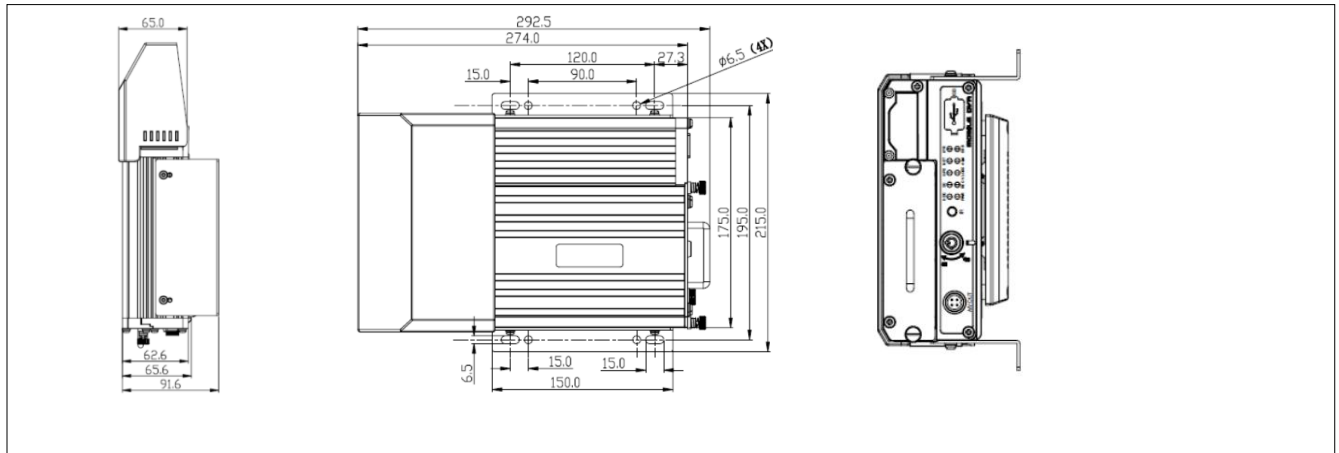
CEN102HD is an advanced and multi functional Mobile Video Recorder specially designed for network high definition and analog video supported with audio. The unit is manufactured with a high-speed processor and embedded operating system, combining with H. 264 video compression/decompression technology, network technology and GPS locating technology. It can achieve 720P high definition, WD1,D1,HD1 and CIF video recording and vehicle driving information recording in addition to wireless data upload. An ultra reliable unit, backed up with our standard two year warranty.

Specification









Function Overview		Preview, Recording, Playback, Network, Positioning
System	OS	Linux 3.0.8
	Control Mode	CP4, Easy Check, IR Remote Control, Network, Mouse
Video	Input	8 channel WD1+4channel IPC(720P)/4channel WD1+8channel IPC (720P)
	Output	2 channels
	Total Resource	8 x 25fps WD1 @ PAL / 8 x 30fps WD1 @ NTSC +4 x 30fps 720P OR 4 x 25fps WD1 @ PAL / 4 x 30fps WD1 @ NTSC +8 x 30fps 720P
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL Optional
Audio	Input	8channels(12 channels if connects with IPCX4)
	Output	2channels
	Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7kΩ
Display	Display Split	1/4/9 Image display
	OSD	GPS information, alarm, temperature, acceleration, voltage, device information, software version, MCU version, network status
	Operation Interface	Semi-transparent GUI
Recording	Video/Audio Compression	H.264/ADPCM
	Image Resolution	Analog: PAL: WD1(928X576), WHD1(928X288), WCIF(464X288), D1(704X576), HD1(704x288), CIF(352x288); NTSC: WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240), CIF(352x240); Digital: 720P(1280X720);
	Image Quality	8 Levels (Adjustable)
	Recording Mode	Manual/schedule/Alarm (sensor trigger, speed, acceleration, video loss, temperature)
	Pre-recording	0-60minutes
	Post-recording	0-30 minutes
	Mirror Recording	Yes (SD Card)
Playback	Playback Channel	1/4 channels by local playback
	Search Mode	Date/time, channel, event
Network	3G/4G	EVDO/WCDMA/TDD-LTE/FDD-LTE
Locating	GPS	Location tracking, speed detection and time sync

Storage	Hard disk	Supports 2.5" hard disk up to 2TB
	SD card	For mirror recording, the SD card capacity is optional with 32GB/64GB/128GB
Interface	USB	USB2.0 x 2
	SD	SD x 1
	RS232	RS232 X 2
	RS485	RS485 X 2
	Sensor	8 inputs, 2 outputs
	Serial	G-sensor (Internal)
	Speed	1 channel pulse speed detection
	Interface	Interface (CP4) Optional
Power	Input	DC8-36V
	Output	1A@12V,1A@5V
Physical Characteristic	Dimension (LxWxH)	292.5 x 215 x 91.6mm (including shelf and back cover)
	Weight	2.6 kg
Environment	Operating Temperature	-40°C - +70°C(With heater) or -10°C - +70°C
	Operating Relative Humidity	8%~90%
Others	Water Proof Rate	IP54

Dimension (mm)



Standard accessories

Accessories	Description	Quantity	Accessories	Description	Quantity
	Vehicle fuses (7.5A and 15A)	2		DB44 Cable	1
	9 pin aviation power input wire	1		USB Cable	1
	MDVR key	1		Braces	1 Set
	Screws	6		7 pin aviation amplifier output wire	1

Optional accessories

Accessories	Description	Accessories	Description
	UPS3.0		Easy Check
	6 Axis Sensor		OBD+6 Axis Sensor
	DB26 (RS232/485 Box+ I/O Sensor Box)		CP4 and Cable
	Voice Announcer and Cable		CP4 Bracket (3 Types)
	LED panel		Fire proof box
	4 Ports PON switch for PON IP cameras connection		4 Ports POE switch for POE IP cameras connection
	8 Ports POE switch for POE IP cameras connection		Built-in WIFI module and Antenna
	Built in 4G module and Antenna		GPS module and Antenna

PC Software

