



CEN103+ Specification Sheet

Overview

CEN103+ is an advanced Mobile Digital Video Recorder specially designed for vehicle surveillance. It uses a high-speed processor and an embedded operating system, combined with H. 264 video compression/decompression technology and GPS locating technology. CEN103+ utilises CIF HD1 and D1 video driving information recording, with the data recorded to be used for data query and accident analysis. CEN103+ is designed exquisitely with advantages of flexible installation and easy maintenance.

Features

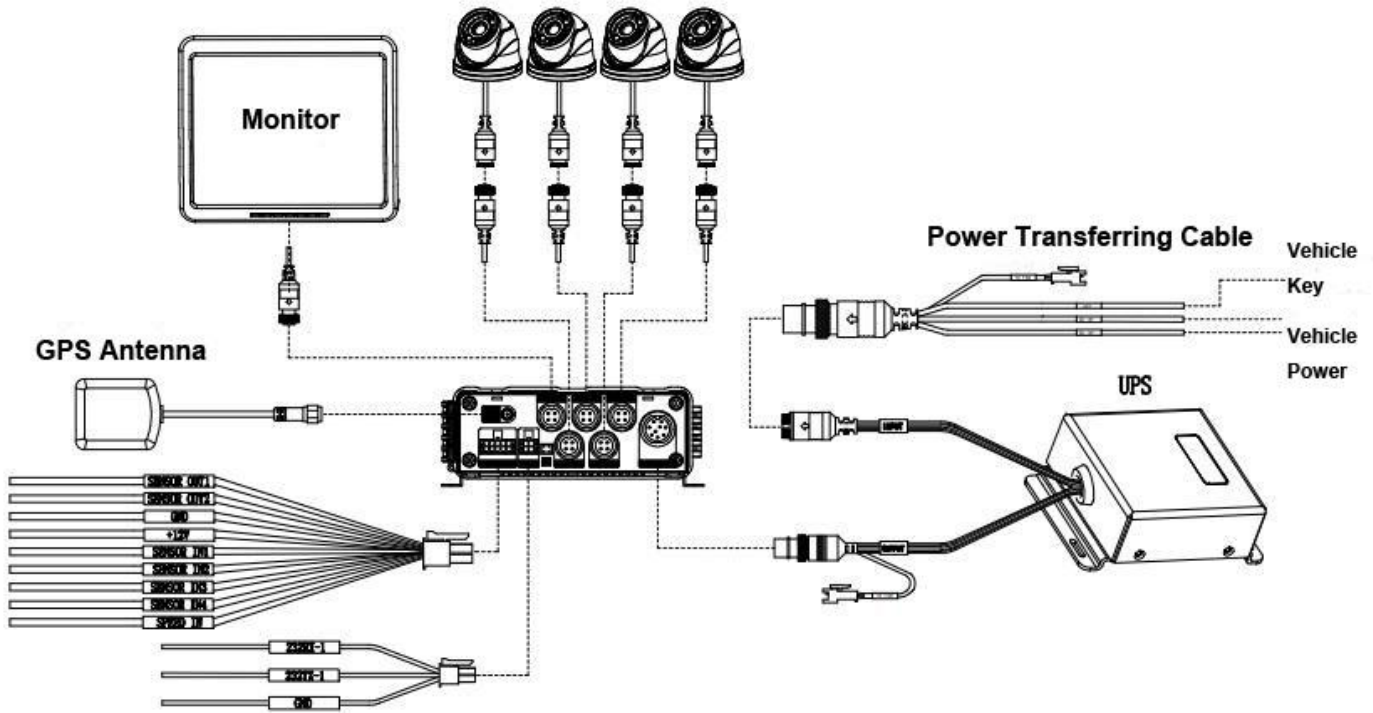
- Total resources: 4 CH D1 100/120fps.
- Dual card recording: supports cycling recording mode (to write to SD cards one by one alternatively) and mirror recording mode (one card records as main recording and the other is for backup) with dual 32GB/64GB/128GB SD cards.
- Waterproof level IP54: protects device from dust and water spray.
- Anti-vibration: 360 degree installation without video loss.
- Power protection: stable video recording under unstable power input.
- Compact design: ideal solution for small vehicle CCTV like taxi.
- GPS for location tracking.
- Patented FS 3.0 file system for data reliability and data recovery.



Specifications

Function Overview	Preview, Recording, Playback, Locating
OS	Linux 2.6.24
Control Mode	IR remote control
Video Input	4 channels
Video Output	1 channel
Video System	NTSC/PAL
Audio Input	4 channels
Audio Output	1 channel
Display Split	1/4
OSD	GPS information, alarm, temperature, voltage, device information, firmware version, MCU version
Video/Audio Compression	H.264/ADPCM
Operation Interface	Semi-transparent GUI
Image Resolution	PAL: D1(704x576), HD1(704x288), CIF(352x288) NTSC: D1(704x480), HD1(704x240), CIF(352x240)
Image Quality	1~8 levels adjustable (1 is the best)
Recording Mode	Manual/Schedule/Alarm (sensor trigger, speed, acceleration, video loss, temperature)
Post-recording	Maximum 30 minutes
Mirror Recording	Yes (Using one of the two SD Cards)
Playback Channel	1/4 (1 channel by local playback, 4 channels by software playback)
Search Mode	Date/time, channel, file type
Backup Mode	USB, HDD, network
Network Ethernet	RJ45 port (10/100M)
Network 3G	HSPA / EVDO (optional)
Network WIFI	802.11b/g/n (optional)
GPS	GPS location tracking, speed detection and time sync
Storage	Centrad 32GB/64GB/128G class 10 SD card
Interface USB	USB 2.0 × 1
Interface Sensor	4 inputs, 2 outputs
Power Input	DC8-36V
Power Output	12V@500mA
Dimension (L × W × H)	142mm x 144.8mm x 54.2mm
Weight	0.7kg
Operating Temperature	-25°C ~ +60°C
Operating Relative Humidity	8%~90%

System Diagram



Dimensions

