

2 Channel SD Card Mini DVR with Optional GPS Support



Introduction

This compact DVR's easily fits into restricted spaces, making it ideal for remote covert recording as well as use in vehicles. This device has a multitude of features, including a GPS option that gives accurate latitude & longitude, high resolution 25 FPS recording on each channel, three input triggers and 128GB SD Card and USB storage capability. The 128GB SD Card storage facility, allows the DVR to operate as a standalone unit with no communication required to the Control room. The DVR's easy to use software has been specifically designed to make video viewing quick and trouble free.

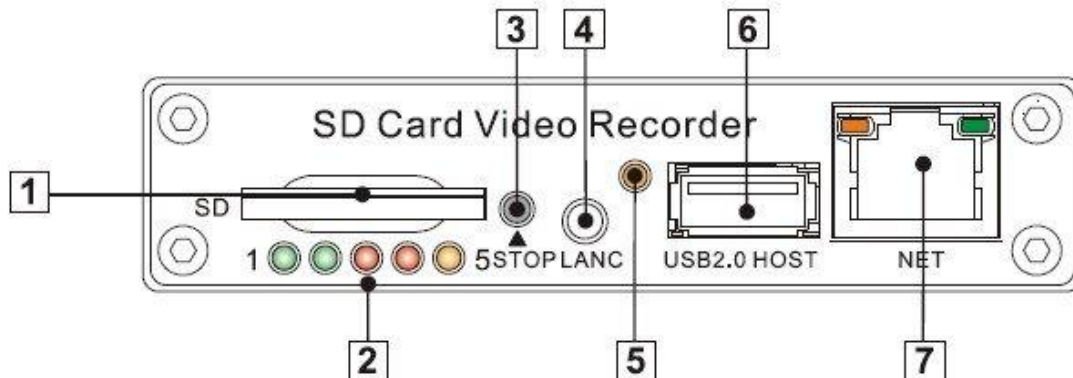
Main Features:

- High video quality based on H.264 video compression.
- USB Port connectivity: Thumb Drive / External HDD storage.
- Working Voltage from 8VDC to 40VDC, applicable for 12VDC and 24VDC vehicles.
- The recorder provides each camera with stable +12V DC power; DVR can detect short circuits on power circuit.
- Can use vehicle ignition to control the power. Configurable power timer after ignition is off.
- Automatic, Event Triggered, Schedule or Motion Recording options.
- Can record speed with audio and video. Supports excessive speed alarm.
- Supports 3 sensors, can record brake, return, right turn, left turn light status into the record file.
- External GPS allows for vehicle tracking and location with video and audio - Optional.
- AVI recording format allowing compatibility with various video players.
- Supports FAT32 file system; recorded file can be read directly on Windows and Linux.
- Adjustable Motion detection and the sensitivity.
- Recorded AVI File Playback with the unit connected to TV/Computer or if using the SD card, card plugged directly into PC.
- Date and Time Stamp recorded onto footage

Technical:

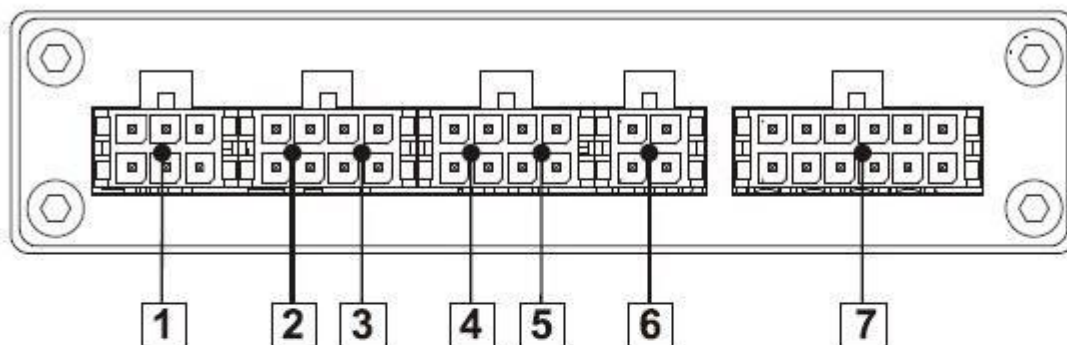
- Interface: USB2.0
- Video Format: AVI
- GPS logger: Optional
- OSD Language: English
- Video Code: H.264
- Special Features: Cycle Recording, Motion Detection, SD/MMC Card, Time & Date Display
- Network: RJ45, 10M/100M Ethernet
- Com Ports: 2 RS232 port, 1 RS485 port
- Camera Resolution: 1280x720
- Recording Resolution: PAL: 704x576 / NTSC: 720x480
- Recording Rate per Channel: 25 Frames per Second
- Chipset Manufacturer: Other
- Power Consumption: <5w
- Power Output: DC, +12V/1.5A, +5V/1A
- Material Type: Metal
- Voltage: +8VDC to +40VDC
- Working Temperature: From -10° Celsius ~ +60° Celsius
- Item Size: 115mm x 92mm x 20mm
- Item Weight: 0.3 kg
- Available in 1, 2 and 4 Channel Models

2.1 Front Panel



- ①: SD Card Slot
- ②: Status Lights (Power, Run, Alarm, SD Card, Record Status)
- ③: Stop Button: For stop recording.
- ④: LANC Port: For connection to an Event Cable or a wired remote IR sensor harness (option)
- ⑤: Infra-Red receiver window.
- ⑥: USB Port: Can be used as a secondary recording device, such as a flash memory card. This port cannot be used as a direct access link to a PC, however.
- ⑦: Network Port (RJ45).

2.2 Rear panel



- ①: Power, Ground and ACC input.
- ②: AV input 1(including audio input 1, video input 1 and power output for camera 1)
- ③: AV input 2(including audio input 1, video input 1 and power output for camera 2)
- ④: AV input 3(including audio input 1, video input 1 and power output for camera 3)
- ⑤: AV input 4(including audio input 1, video input 1 and power output for camera 4)
- ⑥: AV output (including audio output, video output and power output)
- ⑦: 1x speed sensor, 3x sensors inputs, 2x RS232 port, 1x RS485 port and 1x 5V DC output.