



zepco
sales & service

Tracking What's Important

508 N. Central Expressway Richardson, TX 75080 (972) 690-1052

Mobile Digital Video Recorder

The Mobile Digital Video Recorder (MDVR-CF) is designed as an event based or a shift based audio, video, telemetry and data recorder. After a shift or series of events has been recorded, this unit is designed to transfer the data to a server via wired or wireless connection or through physical removal of the Compact Flash card. This recorder is designed specifically for mobile applications in harsh temperature and high-vibration environments where reliability of the recorded data critical. It features a design with no moving mechanical parts with flash based storage for unsurpassed reliability.



Unit Features

- § No moving parts, no internal fan, no audible noise.
- § Unparalleled Search capability with up to 98x Fast Forward Review.
- § Optional redundant external storage interface to a hard drive or CD / DVD ROM.
- § One-touch-zoom camera feature.
- § Stealth recording mode featuring no lights, no video output and no noise
- § Integrated GPS position and speed tracking and recording.
- § Integrated 2-axis accelerometer data recording.
- § Integrated extended environment meta-data set recording.
- § Recording of the GPS speed, position and time attached to a video frame.
- § Synchronization of the unit's time with the GPS satellite system.
- § Recording to Compact Flash Card media for unmatched reliability.
- § Selectable record resolution: 640 x 240 or 320 x 240.
- § Two switched video input ports with multi-trigger controlled switching.
- § 12V power supply output for the audio subsystem recharging capability.
- § 12V tolerant six channel configurable multi-event triggered inputs.
- § Output trigger to control other devices and an external LED record output.
- § Ethernet port for wired or wireless web browser interface.
- § Mobile power supply protection to allow direct connection of the unit to a vehicles 12V power supply without the use of any filtering.
- § Mobile specific embedded operating system for unmatched reliability, security and fast power up times in less than 4 seconds.
- § Video authentication support via the Graphical User Interface (GUI).
- § Pre-event recording time up to 60 seconds.
- § Multiple RS232 serial interfaces including radar data interface data support.
- § Rugged Aluminum Extrusion construction designed for standard 1 DIN automotive installation.



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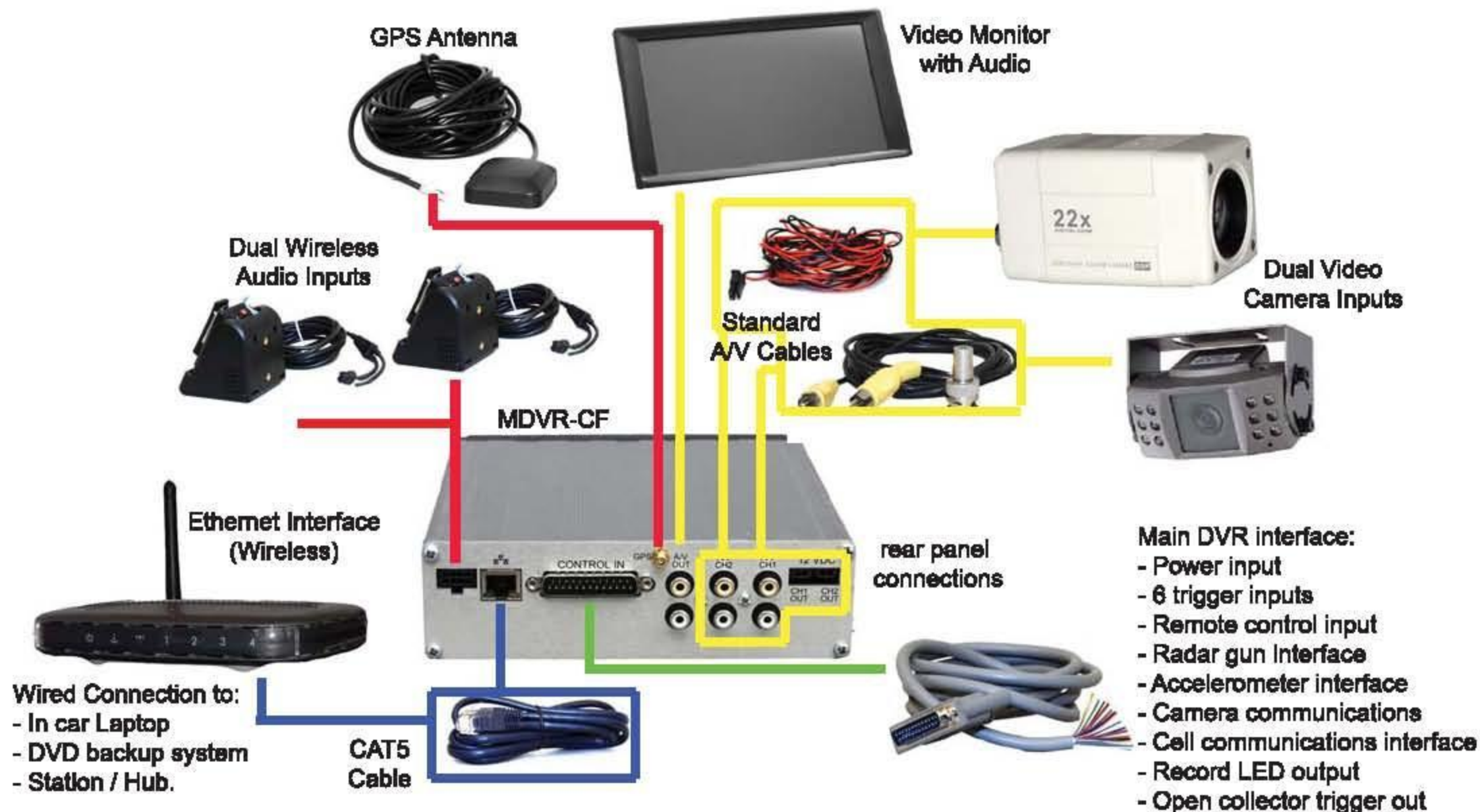
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972-690-1052

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Unit Connection Diagram



Estimated Record Times



Flash Card Size	Frame Rate	Compression
8 GB CF Card	320 x 240	Medium
	+ 2 Audio Ch	9.2 hrs. *
4 GB CF Card	320 x 240	Medium
	+2 Audio Ch	4.6 hrs. *
4 GB CF Card	320 x 240	Medium
	+2 Audio Ch	6.6 hrs. *

*Record times reduced by 1/2 for high-resolution 640 x 240 mode.