

MobileDVRpro4™ mobile digital video recorder system

Description

Universal Com Link's MobileDVRpro4™ is a professional video recording system designed for buses, light-rail cars, police, ambulance, delivery trucks, armored cars and other vehicles. When a driver starts a MobileDVRpro4™ equipped vehicle, the digital recorder begins storing images captured by up to four onboard cameras. When triggered by an alarm input sensor or driver-activated event button, MobileDVRpro4™ tags the event for easy recall later.



The ventless, gasket sealed, finely diecast metal housing is water and dust proof. Built for dependability and long life, MobileDVRpro4™ is designed to withstand the temperature fluctuations and heavy vibration of mobile operations.

MobileDVRpro4™ is equipped with a removable shock mounted hard drive. By utilizing a full hard drive instead of a flash memory card for data storage, it opens up the possibility of months of storage instead of days. If the customer prefers no moving parts, the system can be built with an all solid state hard drive.

Features

- Supports 4 video D1 image (real-time H.264 encode) and 4 audio channels
- Ventless, gasket sealed, diecast metal case - an ideal choice for less-than-ideal environments
- Realtime (30fps) digital recording on every camera
- Digital Security Watermark Technology to prevent tampering and establish chain of custody
- 9 status inputs for doors, lights, brakes, vehicle voltage/charging system, etc.
- 2 inputs/outputs for remote control - such as door locks, remote start, etc.
- Remote communication thru cellular 3G/4G, WiFi or other options
- Supports free Google Map application
- Telecom level system design and fault tolerance
- Auto download of data when returning to station
- Supports two-way talking through wireless connection



MobileDVRpro4™ Specifications

HARDWARE	
Video Inputs	4 BNC (Level 1.0Vp-p, impedance 75Ω)
Video Compression	H.264 (MPEG-4/MJPEG)
Recording Speed	1 - 30 frames per second/Ch (NTSC). 1 - 25 F/S/Ch (PAL).
Recording Resolution	704x576 NTSC
Recording Options	Adjustable frame rate (per camera), manual, scheduled, motion detection, and alarm
Playback Resolution	D1 (PAL: 704 × 576, NTSC: 704 × 480), Half D1, CIF
Video Output	2 Channels - 16K ~ 2M bps (adjustable)
Monitor Output	VGA
Audio compression	ADPCM/AMR
Audio Input	4 + 1 channels
Audio Sampling Rate	16KHz
Audio Output	1 channel BNC (linearity level, impedance: 600Ω), 1 channel RCA audio output
Watermark	Digital Security Watermark Technology
Alarm In	9 Sensor Input Connections
Alarm Out	2 Alarm Input/Output Connections.
Event logging	Triggered by incident button – tags video around event for easy recall
Record Mode	Continuous REC, Timer REC, Alarm REC, Motion Detect REC, Schedule REC
HDD	SATA port, support 2.5inch HDD up to 2.5 Terrabyte
External Device Ports	1 USB 2.0 port, 1 SD card port
Network Protocol	DHCP, PPPoE, Static IP, TCP/IP
Wireless Communication	Cellular 3G/4G, WiFi IEEE802.11a/g wireless LAN, WiMAX
Communication Interface	1 RJ-45 (10/100 Ethernet), 1 RS232, 1 RS485
GPS Interface	Built-in GPS module, SMA antennas

SOFTWARE	
Operating System	Embedded
Character Overlay	Support overlay of vehicle ID, time, GPS longitude/latitude information, etc.
Search Mode	Fast search by time, alarm event, storage position of recorded data
Playback Options	Fast forward, backward, normal play with 1X/2X/4X/8X/16X/32X speed
Web Client Software	Included - Web based - secure login
Remote Client Software	Included- All configuration can be done remotely
Language	English

PHYSICAL	
Weight	Approximately 5lbs (2.3kg)
Dimension	7.5"L x 7.1"W x 2"H (191L x 181W x 51H mm), 1DIN size
Waterproof Degrade	IP54, sealing structure, vent-free design
Shock Tolerance	Comply with MIL-810F vibration impact standard.
Regulatory Type	CE, FCC, UL, RoHS (lead free)

ELECTRICAL and ENVIRONMENTAL	
Power Requirements	6 – 36VDC
Power Output	12VDC
Operating Temperature	-13° ~ +131°F (-25° ~ +55°C)
Operating Humidity	10-96%
Power-Off Delay	Shut down delay after ignition is off (0 - 60 minutes)
Scheduled On/Off	Daily scheduled power on/off (00:00 - 24:00)

WARRANTY	
System	3 years - parts and labor
Installation	All UCL installations are covered by our 1 year workmanship warranty
5 Year Extended	Optional warranty to protect your investment for 5 years



Dealer Inquiries Welcome

Universal Com Link’s mobile solutions are currently being used in the following applications:

- Law Enforcement - Patrol Cars
- Military - Tanks
- Emergency – Ambulances, Fire Trucks
- Public – Transit and School Buses, Trains, Railways, Subways
- Commercial - Limousines, Taxis, Vans
- Industrial – Heavy Equipment, Oil drilling platforms
- Transportation - Freight Liners
- Aviation – Helicopters, Commercial and Private Aircraft

Please ask about our *PC6platform™ Series* of complete onboard mobile computing platforms

Prices and specification may change without prior notification. Please contact a sales representative for the latest information. The information contained in this document is confidential. Any use, reproduction or distribution must have prior consent from Universal Com Link, LLC.

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