



MHU-Pro Mobile DVR



MHU-Pro is the newest high-end Hybrid MDVR in the Mobile Witness™ family that provides the perfect surveillance solution for vehicles or rugged environments. The MHU-Pro supports a total of 8 cameras (mix and match Analog and IP) and is fully compatible with the Mobile Witness™ suite of software for playback, automatic download, mapping, and other functions. All firmware and client software is developed, supported, and maintained in the USA for maximum network security, performance, and stability.

Features

- 8 channels for a combination of 960h analog cameras or IP cameras (up to 8 cameras total; note that the built-in hub has 4 ports, but up to 8 channels are supported with an external solution)
- Built-in switch 4 x POE (12V) Ethernet ports
- Accepts HDD/SSD (up to 2TB) and 1 SD card (up to 128GB) for 1ch video backup
- Internal G-Sensor and GPS modules standard in all builds
- With optional 802.11N Wi-Fi module for remote connection and download with speeds up to 3Mbps
- Anti-vibration and anti-shock under acceleration of 40G (MIL-STD-810G standard)
- Hard drive automatic heating startup in cold weather
- On-board UPS with an average 8 second delay power-off for data protection
- Operating temperature -40°C ~ +80°C with the use of industrial-grade recording media
- 8V-36V wide voltage power supply



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MHU-4CH Technical Specifications

Video	Video Input	Supports 8 channels CIF/HD1/D1/960H/720p
	Video Output	1x HDMI (max. 1080P) for future use, 2x CVBS (Analog); 1 each 3.5mm jack on front panel and one connection on the 24-pin I/O port
	Video Display	Single picture, 1~8 pictures
	Signal System	PAL / NTSC (PAL@200 frame 960H/sec; NTSC@240 frame 960H/sec)
	Image Compression	H.264 main profile
Audio	Audio Input	8 channels
	Audio Output	2 channels (front panel 3.5mm jack, 1 in the 24-pin connector)
	Record Format	Synchronized A/V recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720p options
	Video Coding	ISO14496-10 industry standard
	Video Bit Rate (Select from 5 levels of video image quality)	CIF: 1536Kbps ~ 128Kbps,
		HD1/D1: 2048Kbps ~ 400Kbps,
		960H: 2048Kbps ~ 400Kbps,
	Audio Bit Rate	64Kbps
Storage	Up to 2TB HDD/SSD and 1 SD card for backup	
Alarm	Alarm Input	8 NO/NC
	Alarm Output	1 channel, 12V output
Communication Ports	RS485	1 port for PTZ control or data device usage
	RS232	2 ports for communication or data usage
	RJ45 Network	4 ports of RJ45, for connection to an IP camera with maximum of 1080P
	USB	2x USB 2.0 ports
G-Sensor	Internal G-Sensor	Supports 3-axis motion detection with user set ranges, for X, Y, and Z coordinates
Voltage Input	+8~+36V	8~36VDC (please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage); use more than 12vdc for proper hardware operation.
Voltage Output	12V	12V (+/-0.2V), Max 3A
Operation Temperature	-40°C~80°C	Install in well-ventilated area, protected from moisture, heat, dust, and vibration. Highest operational temperature only when industrial-grade extended temperature media is utilized.
Dimensions	192x184x61mm	Including security cover 248x184x61mm

SOFTWARE SOLUTION

MOBILE WITNESS MANAGER	AUTO DOWNLOAD SERVER	MOBILELINK
<ul style="list-style-type: none"> Web client Playback video, audio, map, and associated metadata Allows remote MDVR configuration 	<ul style="list-style-type: none"> Automatically downloads videos via Wi-Fi or USB Powerful search interface Creates a file database 100's of assets managed at one video storage server or multiple ADS locations Scheduled video downloads 	<ul style="list-style-type: none"> Monitor 1000s of assets on one server Allows automated alarm notification Geo-fence, route deviation alerts Route rebuild Mobile DVR health monitor
FREE	LICENSED	LICENSED