

## MDR-4-160 / MDR-8-160

### 4 / 8 Channel Mobile Digital Video Recorder, Embedded Linux



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Sophisticated Security and Surveillance Systems

Fully featured high performance mobile surveillance system optimized for vehicle environments.

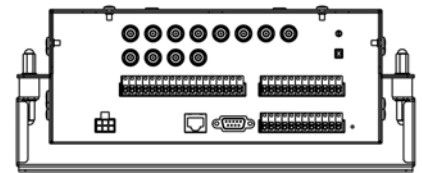
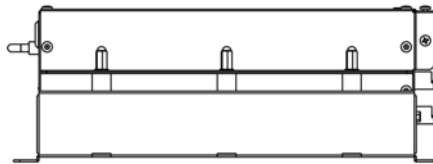
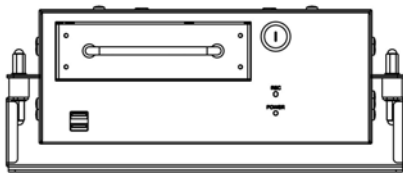
#### Features

- ✓ 4 camera digital video recorder (Available in an 8 channel version)
- ✓ Full frame rate (30ips) live viewing of all cameras
- ✓ Supports RASplus remote access software
- ✓ Image Authentication through Chained Fingerprint enabling a robust chain of evidence comprising images that cannot be altered or modified
- ✓ Internet browser accessible for remote connectivity via **Webguard**
- ✓ Removable HDD with key lock protection
- ✓ Vibration isolated mounting rack standard
- ✓ 9-30V DC operation
- ✓ Hard disk player program and reader optional
- ✓ Full suite of self diagnosis tools
- ✓ Fully integrated with ViSS central station monitoring suite
- ✓ 4-channel audio recording and playback
- ✓ Map integration to enhance site navigation



#### Description

The MDR-4-160 / MDR-8-160 supports advanced GPS integration functionality, map tracing utilizing the vehicles GPS data and wireless network communications.



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### Specifications

Monitoring			System	
Video Input	<b>MDR-4-160</b>	4 BNC	Operating System	Embedded Linux
	<b>MDR-8-160</b>	8 BNC	Firmware Base	XDR Type
Video Outputs	1 BNC		Database File System	Ibank 2.0
Resolution	720x480 (NTSC)		Storage	1 Removable HDD
Display Rate	Real-Time		Data Export Medium	USB (HDD, CD-RW, FlashDrive)
Recording & Playback			Remark	GPS Time Sync
Compression	MPEG-4		Network	
Recording / Playback Rate	120 / 120 ips @ CIF		Connections	Ethernet, External Modem
Recording Mode	Time-Lapse, Event, Pre-Event (up to 30 min), Text-In, Panic		Protocols	Manual, ADSI, DHCP, DVRNS
			Remote Software	RASplus, Webguard, (Internal, External), ViSS
Search Mode	Date / Time, Calendar, Event, Motion, Museum, Text-In		Network Data Export	Clip-Player, AVI, JPG, BMP
Remark	GPS Info, Recording, HDP2 Support		General	
In / Out			Dimensions (W x H x D)	11.81" x 4.76" x 14.65", 2U
Audio In / Out	2 / 1 BNC		Unit Weight	18.3 lbs
Alarm In / Out / Reset In / Panic In	<b>MDR-4-160</b>	4 / 2 / 1 / 1	Operating Temperature	41° F ~ 104° F
	<b>MDR-8-160</b>	8 / 2 / 1 / 1	Operating Humidity	0% ~ 90%
Serial Interface	RS232, RS485		Power	DC 12-24 V 6.5-3A
External Interface	<b>MDR-4-160</b>	2 USB 2.0, 5 x 12V Power Supply	Approvals	FCC, E-mark
	<b>MDR-8-160</b>	2 USB 2.0, 9 x 12V Power Supply		
User Interface	Mouse, Standard DCP			

### System Diagram

