

RoadRunner Mobile Digital Video Recorder (MRH16, MRH12, MRH8, MRH4)

	<i>VIDEO</i>	-
	Signal Format	NTSC or PAL (Auto-detect)
Video Inputs MRH16, MRH12 / MRH8 / MRH4	Video Outputs	Composite BNC 16 Active / Composite BNC 8 Active / Composite BNC 4 Active
	Display Modes	Composite BNC 1
	Display Resolution	Single, Quad, 3x3, 4x4, Sequence, Digital Zoom (x2)
	Recording Resolution	4CIF (NTSC: 704x480; PAL: 720x576)
		4CIF (NTSC: 704x480; PAL: 720x576), 2CIF (NTSC: 704x240; PAL: 704x288), CIF (NTSC: 352x240; PAL: 352x288)
Recording & Playback Rate MRH16 and MRH12		Up to 480ips (PAL: 400ips)
Recording & Playback Rate MRH8 / MRH4		Up to 240ips (PAL: 200ips) / Up to 120ips (PAL: 100ips)
	Compression	H.264 Main Profile
	Encryption	Proprietary chained-frame watermarking with 128 bit encryption
	Recording Mode	Time-Lapse, Text-In, Pre / Post-Event (up to 30 / 15 Minutes)
	Search Modes (Standard)	Text-In, Event, Date/Time, Calendar, Motion
	Search Modes (GPS Option)	Map Location, Vehicle Speed
	Image Control	Brightness, Contrast, Saturation, Hue
	<i>INPUTS / OUTPUTS</i>	-
	Alarm In / Out	8 (Relay In) / 2 (Relay Out)
	Reset In / Event In	1 / 1
	Audio In / Out	2 / 1
	Serial Interface	RS232 (x2), RS485
External Interface MRH16, MRH12 / MRH8, MRH4		2 USB 2.0, 18 x 12V Power Supply / 2 USB 2.0, 10 x 12V Power Supply
	User Interface	Mouse
	Operating Status	"Heartbeat" Health Indicator
	<i>SYSTEM</i>	-
	Operating System	Embedded Linux (Built-in Flash Memory)
	Database File System	Proprietary Optimized Multimedia Database
	Disk Management	Temperature Check, Scheduled Diagnosis
	Data Export Medium	USB (HDD, CD-RW, Flash Drive)
	System Log	Up to 5,000; user login/out, config changes, remote connect/disconnect, errors
	Event Log	Unlimited, alarm-in, motion, video loss, text-in
	Storage	Removable 250GB, 500GB, 1.0TB, 2.0TB
	Text Insertion Maximum	10 Channels
	<i>NETWORK</i>	-
	Connection	10/100 Ethernet
	Maximum Connection	Admin: 2 / Watch: 10 / Search: 2
	Protocol	Manual, ADSL, DHCP, DVRNS
	Max. Transmission Rate	120 / 100 ips @ CIF
	Network Data Export	Clip Copy (.exe), AVI, JPEG, BMP
	<i>SECURITY</i>	-
	Recording Media	Key-Lock
	Access Rights	Password Protection: Programmable per Group (up to 256 users; 64 groups)
	Image Authentication	Chained Frame Fingerprint Encryption and Watermarking
	<i>GENERAL</i>	-
	Operating Range	9 to 36 VDC
	Dimensions	11.5" x 4.7" x 13.75" (WxHxD)
Operating Temperature / with Heater		32°F to 130°F (0°C to 54.4°C) / -20°F to 130°F (-28.8°C to 54.4°C)
Storage Temperature		-40°F to 160°F (-40°C to 71.1°C)
Operating Humidity		0% to 95% Non-condensing
Approvals		FCC, CE, IEC61373, EN50-155, EN60068-230, Mil-Spec STD-810F, SAE J1455
<i>MINIMUM OPERATING REQUIREMENTS</i>		-
	Operating System	Microsoft Windows
	CPU / RAM	Intel Premium II (Celeron) 266MHz or higher / 64Mb or higher
	VGA	AGP, Video RAM 8MB or higher (800x600, 24bpp or higher)
	USB	2.0

Features and Specifications are Subject to Change without Notice

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