



Digital Patroller®

System Specifications

MOBILE DIGITAL VIDEO

MDVR

Network Connection	10/100 Ethernet (1/Front and 1/Rear) Gigabit Ethernet (1/Rear)
USB 2.0	1/Front, 1/Rear
RS-232 ports	3
RS-485	1
GPIO	12 Inputs / 2 Outputs
Storage Module	Single HDD, 100 GB, Dual HDD 2x100GB, SSHD, 8GB/16GB See storage options for more detail
Operating System	Microsoft XP Embedded
Global Positioning Receiver	Trimble, 12-Channel, WAAS Enabled
Audio Inputs	3
Video Inputs	4
Video/Data Storage Module Capacity	Minimum of 50 Hours at max resolution (720 X 480 @ 30 Frames Per Second)
Dimensions	10.44" D x 7.13" W x 3.27" H
Weight	8.2 lbs.
Power Consumption	36 Watts (3 Amps @ 12 volts)
Operating Temperature	-20°C to 55°C (-4°F to 131°F)*
Storage Temperature	-30°C to 75°C (-22°F to 167°F)

* After initial warm-up

MONITOR

Dimensions	6.25"(w) x 4.5"(h) x 2.5"(d); 4.3" viewable LCD
Video Inputs	4
Activation	Yes, via a single touch button
Camera Zoom	Yes, single touch button maintains maximum zoom for 5 seconds
Replay	Yes, single touch replays previously recorded video session with no rewind
Resolution	600(h) x 234(v) pixels
Brightness	300 NIT or greater
Viewing Angle	110 degrees (h) x +35 degrees/-15 degrees

STANDARD CAMERA

Image Sensor	¼ Super HAD CCD
Number of Effective Pixels	752(H) x 582(V)
Optical Zoom	22x (220x with digital zoom)
Angle of View (H)	45 degree, 16' wide at 20' from object
Minimum Illumination	0.1 lux (normal shutter mode), 0.01 lux (digital slow shutter mode)
Electronic Shutter	1/60 to 1/50,000
Gain	On/Auto/Off
AE Control	Auto, Manual, Iris Manual, AGC Manual
Back Light Compensation	On/Off
Focusing System	Auto
Weight	13.69 ounces

* After initial warm-up

WIRELESS MICROPHONE

Operating Frequency	2.4GHz
RF Power Output	150 MW
Transmission Frequency	Hopping spread spectrum
Antenna	Internal
External MIC Connector	1/8" Mini Connector
Battery Indicator	LED indicates battery condition (Low Battery)
Record Indicator	LED indicator
In-Use Indicator	LED indicator
Battery Life	Approximately 8-10 hours
Controls	Talk On/Off; Power On/Off
Size	1.75" x .75" x 2.5"
Weight	7oz with battery and microphone