

## HTR4

### MOBILE DIGITAL VIDEO RECORDER

Honeywell's HTR4 mobile digital data video recorder offers superior picture quality and clear audio on four channels. By providing longer recording time with little or no maintenance in a single compact unit, the HTR4 Series offers the ease and convenience of a leading-edge digital video recorder.

The HTR4 Series reliably protects passengers and drivers using an industrial grade digital recorder housed in a tamper- and impact-resistant enclosure. The hard drive of the HTR4 is protected by Honeywell's exclusive patented shock and vibration reduction (SaVR™) technology. Intelligent temperature management offers a built-in thermal heat pad and cooling system to ensure the recorder remains at an optimum temperature to operate reliably.

#### Market Opportunities

The HTR4 Series helps end users take advantage of the benefits of digital technologies without replacing their entire mobile surveillance platform. For end users seeking to enter the new digital video environment, the HTR4 Series provides easy-to-use recording options and removable hard drives with ample storage. The HTR4 is an upgrade for platforms already using the HTRD400, HTRD100, HTR62, SWS210, SWS310 and SWS410 VCR systems.

#### Features

- Removable hard drive with Honeywell's patented shock and vibration reduction (SaVR™) technology
- Large capacity hard drives to provide extended recording time
- Recorder configuration wizard to help you get your system up and running quickly
- Wireless LAN/WAN access
- Embedded OS for reliable, long term, unattended operation
- Clearer, sharper pictures than a VCR
- Quicker and convenient clip search
- Seven status inputs
- Remote dash panel with recorder status, remote connection to recorder and Event button
- Supports up to 750 GB hard drive
- Intelligent temperature management
- High accuracy clock with Automatic Daylight Savings Time adjustment
- Activates with ignition with option for post recording even after the ignition has been turned off
- Optional GPS module records position, direction and speed
- Optional spot monitor
- Drop in upgrade for HTRD100, HTR62, SWS210, SWS310 and SWS410 VCR system



HTR4 Mobile  
Digital Video  
Recorder



HTC30 Mobile  
Dome Camera

## SPECIFICATIONS

Operational	
Video Format	NTSC, PAL
Recording and Transmission Compression Algorithm	M-JPEG
Record Mode	Single pass, loop, timer and triggers
Recording Rate	Up to 120 fps aggregate
Recording Resolution	D1, 4CIF, 2CIF, CIF
Video Quality Settings	User Selectable (Best, Better, Good, Extended)
Recording Capacity	250 GB, 500 GB, 750 GB
Primary Storage	Removable hard disk drive With patented SaVR™ (shock and vibration reduction)
Delay Off	User Selectable (0-240 minutes after ignition off)
Clock	Automatic Daylight Saving Time Adjustment
Calendar	Automatic Leap Year Adjustment
Record Rules	Up to 9 based on trigger status and date/time
Connections	
Trigger Status Inputs	Up to six configurable trigger inputs with rule based event recording
Interface	24 pin for power, status and trigger inputs
Video Input	Four RCA
Audio Input	Four RCA
Video Output	One RCA (Spot Monitor)
Serial Ports	One RS-232 for future applications. One RS-232 DB9 (Female) for optional GPS Receiver
Networking	One RJ45 10/100 base T Ethernet for PC
Relay Output	Two SPDT relay contacts
Camera Power	Four power outputs
Auxiliary Power	Two 12V, 500 mA max
Remote Dash Panel	One RJ11

Electrical	
Input Voltage	12 to 24 VDC
Operating Voltage Range	10 to 32 VDC
Power Consumption	48 W max
Mechanical	
Dimensions (W x H x D)	9.4" x 4.6" x 11.9" (240 mm x 116 mm x 303 mm)
Weight	8.4 lb (3.8 kg) incl. hard drive
Construction	Housing: Aluminum chassis Front Panel: ABS Finish: Black matte paint
Environmental	
Temperature	Recording: 41°F to 122°F (5°C to 50°C) Standby: -40°F to 140°F (-40°C to 60°C)
Relative Humidity	0% - 90%, non-condensing
Regulatory	
Emissions	FCC: Part 15B, Class B CE: EN 55022, Class B
Immunity	CE: EN50130-4
Safety	EU: 73/23/EEC LVD UL, cUL: 60950-1:2003 IEC/EN: 60950-1:2006
Patent	
Hard disk drive shock and vibration reduction isolation system US Patent No. 7,079,380	

# HTR4

## SYSTEM DRAWING



