

HTR1

MOBILE VIDEO CASSETTE RECORDER

The HTR1 is a mobile VCR that is economical without compromising features or durability. It is the ideal solution for a variety of vehicles that need to be monitored. Depending on need, two cameras can be used with the industrial grade VCR housed in a tamper resistant enclosure. The HTR1 recorder can provide up to nine hours of recording on a VHS T180 tape.

The HTR1 can provide more than just video by accepting up to five input signals from the vehicle electrical system. Any one of the five input signals can be utilized to switch the camera inputs. On a school bus, for example, the stop arm signal can activate the stop arm camera.

The HTR1 is equipped with Tool Tips that let users program the VCR with ease. Tool Tips eliminate the need to refer to a manual to determine field settings for the on screen display. Tool Tips provide a full description of settings so users can program the HTR1 quickly and be operational in a matter of minutes.

The HTR1 has an optional GPS system with recorded data that includes direction and vehicle travel speed. When combined with video, it provides transportation professionals with an effective route planning tool. Plotted against a map, this information can identify the exact location of the pickup and drop-off points for transported students, passengers, goods and services.

Market Opportunities

The HTR1 recorder is an excellent introductory product for companies new to the video surveillance market. From sanitation trucks to school buses, the HTR1 mobile VCR is an economical solution for companies managing small to large fleets of vehicles. With its easy-to-use interface and simple installation process, the HTR1 can be fully operational within a short period of time. The HTR1 is compatible with existing HTR62 and Silent Witness SWS Series systems and offers an economic solution for companies who choose to remain with the durability of an analog recorder.

Features

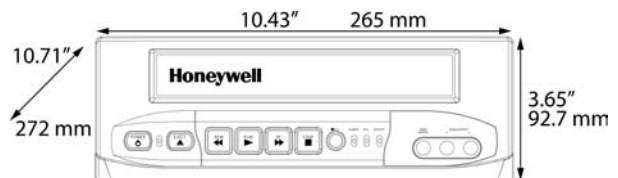
- Two camera inputs
- Two channels of audio
- Easy and quick recorder programming with Tool Tips
- Five status inputs (e.g., brakes, stop lights, turn signals and stop arm)
- Optional GPS module records position, direction and speed
- Optional second camera allows recording of school bus stop arm violations
- Timers for flexible recording schedules
- Flexible mounting, vertical or horizontal
- Improved vibration resistance
- High accuracy clock with automatic Daylight Saving Time adjustment
- Front mounted video and audio output jacks
- Remote control with enhanced functionality
- Easy programming with remote control included — no switches to set, no need to remove the recorder from the platform
- Option to stop recording at the end of tape or continuous recording loop
- Activates with ignition



SPECIFICATIONS

Operational	
Video Format	VHS NTSC
Video Recording System	Rotary, two head helical scanning system
Recording Time (EP mode)	9 hours (T180 VHS tape) 10 hours (T200 VHS tape)
Storage Medium	Standard 1/2 inch VHS
Recording Mode	Single pass, loop or timer
Horizontal Resolution	240 TVL
Delayed Recording	Start: 0 to 60 minutes Off: 0 to 60 minutes (User selectable)
Rewind/FF Speed	Less than 240 seconds (T180 VHS tape)
Video Quality Settings	EP, SP
Timer Recording	Four daily programs, independent and user selectable
On Screen Display / Text Overlay	Title: Up to 20 characters, user selectable Time/Date: Real time clock with battery backup and automatic Daylight Saving Time, AM/PM format, three letters for month Speed: Registers 0 to 255, MPH or KPH GPS (Optional): Measures longitude, latitude, speed and direction
Trigger Status Inputs	Five status inputs. Any status input to switch recording from Camera 1 to Camera 2 and back
Connections	
Interface	Male DB25 for power, status and triggers inputs
Video Input	Two RCA
Audio Input	Two RCA
Video Output	One RCA (front panel)
Audio Output	Two RCA (front panel)
Camera Power	Two power outputs

Electrical	
Input Voltage	12 VDC
Operating Voltage Range	12 to 14 VDC
Power Consumption	13 W
VCR Power Up	Trigger signal connected to vehicle ignition or temporary power using the POWER button
Power Backup	Saves settings for minimum of 10 years
Mechanical	
Dimensions (W x H x D)	10.43" x 3.65" x 10.71" (265 mm x 92.7 mm x 272 mm)
Weight	Unit: 6.3 lbs (2.9 kg) Shipping: 7.15 lbs (3.27 kg)
Construction	Housing: Steel chassis Front Panel: ABS Finish: Dark gray matte paint
Environmental	
Temperature	Operating: 41°F - 104°F (5°C to 40°C) Storage: 32°F - 122°F (0°C to 50°C)
Relative Humidity	10 to 85% (non condensing)
Accessories	
HTRGPS	GPS Receivers: Longitude, latitude, speed and direction
HTENCL	Security Enclosure – Lock Box
Compatible Camera	
HTC70 Camera Series	Mobile Camera Day/Night with 8 IR Illuminators
HTC29 Camera Series	Mobile Dome Camera, Black and White and Color with Fixed Lens



Ordering	
HTR1	Mobile VCR

HTR1 recorders are available in kits. Each kit includes a recorder, camera, cables and mounting hardware necessary to install a camera system. Some kits include a lock box.

Honeywell Security

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