HTRD400 Series

MOBILE DIGITAL DATA RECORDER

Honeywell introduces the all new HTRD400 Series. The HTRD400 Series digital data recorder captures sharp, crisp images and clear audio, including video and audio on 4 channels, which is superior to conventional VCRs. The HTRD400 offers longer recording times with increased picture quality and is capable of connecting up to four HTCD Series Digital Cameras to monitor all areas of a vehicle.

The HTRD400 Series all-digital data recorder collects more detailed information and transfers data fast and reliably. It stores superior picture quality, clear audio and longer recording times on a high capacity hard drive. The HTRD400 Series is a single, compact digital recorder that offers greater capabilities with reduced maintenance requirements.

Market Opportunities

With the options to download digital video images wirelessly, the HTRD400 Series takes mobile video surveillance to the next level. From school buses to sanitation trucks, the HTRD400 Series is ideal for organizations managing small to large fleets of vehicles. The HTRD400 Series digital data recorder makes the gathering, analyzing and storing of video data an efficient process. As an industry-leading solution that is totally digital, the HTRD400 Series records large volumes of video data – whether inside or outside of the vehicle – that can be easily downloaded for analysis and storage. The HTRD400 is a comprehensive digital data recorder designed to offer multi-functional capabilities for the mobile market.

Features
- Supports up to 80 GB hard drive
- Wireless LAN/WAN access
- Open architecture for external data gathering (e.g., access control, engine data, etc.)
- Images record with vehicle ID, time and date, camera name, and up to 8 status inputs
- Alarm mode starts recording to record vandalism
- Runs on an embedded OS for reliable, long term, unattended operation
- Patent pending vibration reduction system
- Optional GPS module records position, direction and speed
- Optional Stop Arm System allows recording of school bus stop arm violations
- User-friendly software to quickly find, print, distribute and archive video and audio files
- Store from a single or a clip of audio and video to a PC-based hard drive or peripheral storage device. Play video as a self-contained executable on any PC
- Search by date and time, and build advanced searches
- Easy to configure
- Activates with ignition/option for post recording (up to several hours) even after the ignition has been turned off

HTRD400 Series

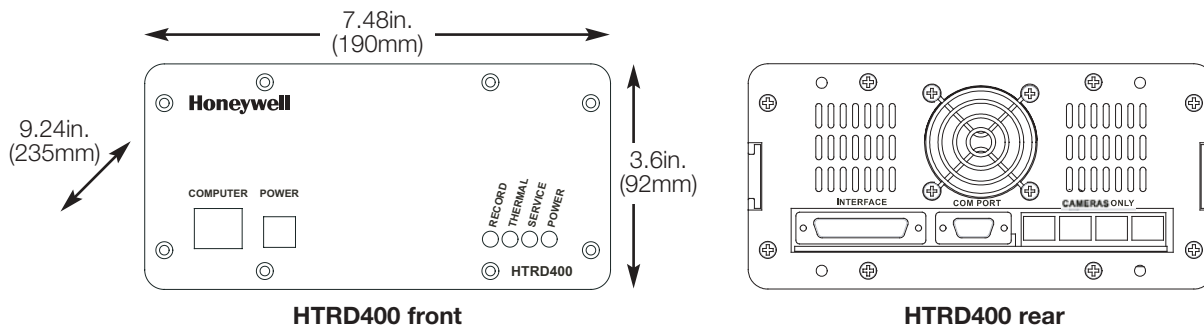Cameras compatible with the HTRD400 Series:

HTCD50 Series

HTCD52 Series

Video/Recording	
Format:	JPEG
Recording Medium:	2.5" IDE hard drive
Capacity:	40 to 80 GB
Frame Rates:	User selectable up to 40 frames per second aggregate
Compression/Quality:	User selectable 3 levels
Resolution:	VGA (640 x 480) or QVGA (320 x 240)
Image File Size:	Dependent on compression, resolution, and scene content
Cameras:	Up to 4 Honeywell Digital IP Network cameras
Text Insertion:	GPS, date, time, title, status inputs, rules and camera names
Clock:	12/24-hour clock format with automatic DST adjustment
Calendar:	Automatic leap year adjustment
Still:	A single frame or quad can be displayed
Audio	
Audio:	Up to 4 channels, synchronized
Alarms	
Alarms:	Up to 8 configurable alarm inputs with rule based event recording
Connections	
Interface:	• Male DB-25 connector for power, status and trigger inputs • Female DB-9 serial communication port for future applications • RJ-45 connections for camera and PC inputs
Power	
Power Input:	12VDC negative ground
Physical	
Enclosure:	Anodized aluminum
Mounting:	Non-removable, shock mounted, low profile
Dimensions (WxHxD):	7.48 in. x 3.6 in. x 9.24 in. (190 mm x 92 mm x 235 mm)
Weight (30 GB Hard Drive):	4.8 lb (2.2 kg)
Environmental	
Operating Temperature:	-40°F to 149°F (-40°C to 65°C)

7.48in.
(190mm)

9.24in.
(235mm)

3.6in.
(92mm)

COMPUTER   POWER

RECORD   THERMAL   SERVICE   POWER

HTRD400

HTRD400 front

INTERFACE   COM PORT   CAMERAS ONLY

HTRD400 rear

Ordering	
	HTRD4 80 Hard drive Options **40** 40GB **80** 80GB **60** 60GB

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell