

## HR30

### HIGH-DENSITY VIDEO CASSETTE RECORDER

#### Razor-Sharp Imaging

The HR30 is a high-density video cassette recorder with real-time recording capability offering crisp, smooth and noiseless playback that satisfies the demands of surveillance security. Accurate recording is achieved through 300 lines of color resolution and 350 lines of black and white. The brightly lit LCD display and LEDs indicate recording, alarm and timer schedule modes. On-Screen Display makes programming simple with a touch of a button.

#### 30 Hours of Recording

Designed for daily tape changes, the HR30's virtual real-time mode can record 24 hours on a single T-160 tape (18 hours on a T-120 tape) and 8 hours in the real-time mode (6 hours on a T-120 tape). The HR30 also has a maximum recording time of 40 hours in time-lapse mode with a T-160 VHS tape. The HR30 can be programmed for specific time periods on a weekly or daily schedule and set up to activate in alarm conditions. Alarm alerts can be customized and programmed for display on the HR30's front panel display, monitor output and audio output. Alarm recording can occur at sixty fields/second for optimum video quality.

#### Market Opportunities

The HR30 is a full featured, extremely versatile time-lapse recorder designed for simple theft prevention applications to full-scale industrial integrated surveillance systems. Its user-friendly on-screen menus allow for simplified setup, advanced time and date search in either direction for specific events, time recording and alarm recording. With extended capabilities such as field-by-field tape analysis, multiple playback speeds yielding increased information and alarm index indication, the HR30 is a multi-functional, cost-effective component that will upgrade your security system.

#### Features

- Real Time Recording and Playback  
-> 20 fields/sec at L18H Mode
- On Screen Programming
- Jog and Shuttle Play
- Automatic Head Cleaning
- Self Diagnostics
- Alarm Recording, Alarm Search, Alarm Recall
- Flexible Timer Recording: 8 Programs
- 1-Shot Recording
- Series and Repeat Recording
- Power Fail Recall and Compensation
- On Screen Field Counter

HR30



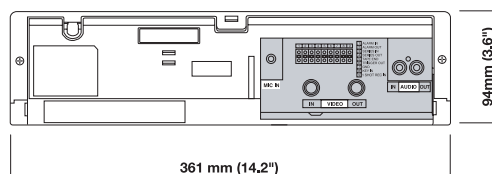
# HR30

## SPECIFICATIONS

Operational	
Tape Format	Standard 1/2 inch VHS
Video Standard	NTSC
Video Recording System	Double Azimuth Helical Scanning System
Video Head Configuration	4 Rotary Heads
Tape Transport	
Rewind/FFSpeed	less than 220 seconds (with T-120 VHS tape)
Head Cleaning	Automatic
AutoDiagnostics	Loading, Capstan, Drum and Reel error messages
Video System	
Real Time Mode (60 fields/sec)	6-hour with T-120 VHS tape (8-hour with T-160)
Virtual Real-Time Mode (20 fields/sec)	18-hour with T-120 VHS tape (24-hour with T-160)
Time Lapse Mode	30-hour with T-120 VHS tape (40-hour with T-160)
Horizontal Resolution	350 lines (b&w), 300 lines (color)
Luminance Signal	Frequency modulation recording
Color Signal	Color Subcarrier, Phase Shift Recording
S/N Ratio (A8 - hourmode)	>43dB
Video Input/Output (BNC)	1.0Vp-p, 75ohms, BNC jack
Audio System	
Record/Playback Time Modes	A6, A18 A30
Audio Track	single track, mono
Frequency Response (A8 - hourmode)	100Hz~7kHz
S/N Ratio (A8 - hourmode)	42dB
Line Input	-8dBm, 47kohms, RCA Pin jack
Microphone Input	-67db, 600ohms, 3.5mm mini-mic jack
Audio Output	-6dBm, 1kohm, RCA Pin jack
Alarm Handling	
Alarm Record Modes	L6, L18, L30
Alarm Record Duration	1, 3, 5 minutes or Tape end
Timer	
Timer Recording	10 Programs
Record Speed	Programmable
Electrical	
Input Voltage	120VAC (+10%/-15%), 50/60 Hz
Power Consumption	17 watts
Mechanical	
Dimensions (HxWxD)	94x360x270 mm (3.6x14.2x10.6 inches)
Weight	approx. 3.5kg or 7.8lbs
Shipping Weight	approx. 4.6kg or 10.2lbs
Environmental	
Operating Temperature	41 deg. F - 104 deg. F (5 C - 40 C)
Humidity	80% max.
Storage Temperature	-4 deg. F - 140 deg. F (-20 C - 60 C)
Regulatory	
Emissions	FCC:47 CFR Part 15, Subpart B
Immunity	CE: EN50130-4
Safety	CUL & UL2044

Ordering	
HR30	HR30 high-density VCR – maximum real-time recording 30 hours

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



### Honeywell Security

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