



AD8960HD

HIGH-DENSITY TIME-LAPSE VCR



The AD8960HD High-Density Time-Lapse VCR provides clear, crisp images necessary for surveillance applications. The unit is capable of up to 960 hours of time-lapse recording and up to 24 hours of virtual real-time recording.

On-screen programming allows for simplified setup of features such as advanced time and date search, timer recording, and alarm recording.

In high-density mode, the VCR can record three times as many images on standard VHS tape. The result is smoother recording with more detailed images and enhanced audio capabilities.

The easy-to-use time and date search feature enables you to playback specific alarms and events. The timer recording feature allows for up to fifteen programs – two for each day of the week and one for daily programming. The alarm recording feature designates the speed at which the VCR will record; faster speeds yield increased information.

The unit's versatile shuttle dial allows for a variety of playback features, including fast forward/reverse play, forward/reverse field playback, and still field.

The VCR has been optimized for premium quality replay of multiplex recorded tapes when used in conjunction with American Dynamics family of Robot multiplexers. Not only does this VCR allow you to playback tapes in whichever time-lapse mode they were recorded, it also allows you to fast forward and reverse play.

FEATURES

- Accommodates both standard and high-density record modes
- Virtual 24-hour real-time recording capability
- 960-hour time-lapse recording in high-density mode
- On screen programming
- Tape rewind speed 100 seconds (T-120)
- Automatic head cleaner
- Time and date search
- Alarm search
- 15 programmable timer settings
- Easy recording verification
- Convenient multi-playback mode type shuttle
- Daylight savings feature

SPECIFICATIONS

Model Number

AD8960HDVCR, 960-hour, time-lapse, NTSC

Operational

Tape FormatStandard 1/2 in VHS
 Video StandardNTSC
 Video Recording SystemRotary 2-head azimuth
 Video Head Configuration4-head double azimuth
 Tape Transport
 Rewind/FF SpeedWithin 100 seconds (with T-120 VHS tape)
 Head CleaningAutomatic
 Auto DiagnosticsAlarm buzzer, indicator light, and display number

Video System

Virtual 24-Hour Real-Time Record/
 Playback Time Mode24-hour with T-160 VHS tape,
 (20 fields/second) 18-hour with
 T-120 VHS tape
 Standard Time ModesA2, A12, A24, 24, 48, 72, 120, 168, 240,
 480, 720, 960-hour; one-shot; event (with
 T-120 VHS tape)
 High Density Time Modes ...A6, A18, 30, 48, 72, 120, 168, 240, 480, 720,
 960-hour (with T-120 VHS tape)

Horizontal Resolution

(A2-Hour Mode)350 lines (B/W)
 300 lines (color)

Luminance SignalFrequency modulation recording
 Color SignalDown-converted direct recording type
 S/N Ratio

(A2-Hour Mode)> 45 dB (B/W)
 > 43 dB (color)

Video Input/Output (BNC) ..1.0 Vp-p, 75 Ω

Audio System

Record/Playback
 Time ModesA2, A6, A12, A18, and A24-hour
 Audio TrackOne track, mono
 Frequency Response
 (A2-Hour Mode)100 Hz to 10 kHz
 S/N Ratio
 (A2-Hour Mode)> 43 dB

Audio Input

Line Input308 Vrms, > 47 kΩ, pin jack
 Microphone Input0.245 Vrms, < 5 kΩ, 3.5 jack

Audio Output388 Vrms, < 4.7 kΩ, pin jack

Alarm Handling

Alarm Record ModesA2, A6, A12, A18, and
 A24-hour
 Alarm Record Duration5, 15, and 30 seconds; 1, 1.5, 2, 2.5, 3, and
 6 minutes; continuous; manual

Timer

Timer Recording15 event programmability
 Recording SpeedProgrammable

On-Screen Displays (can be set on or off at user's discretion)

DateCurrent month, day, and year
 DayCurrent day of week
 TimeCurrent time of day
 SpeedTape speed
 VCRSets the VCR number (1-8)
 Alarm CounterDisplays number of alarms

Electrical

Input Voltage120 VAC, 60 Hz
 Power18 watts

Mechanical

Dimensions (H x W x D)92 x 430 x 318 mm
 (3.6 x 17 x 12.5 in)
 Weight5.0 kg (11 lbs)
 Shipping Weight6.5 kg (14.5 lbs)

Environmental

Operating Temperature5° to 40° C (41° to 104° F)
 Humidity80% RH (non-condensing)
 Storage Temperature-20° to 60° C (-4° to 140° F)

Regulatory

EmissionsFCC: Part 15, Class A
 Canada: ICES-003, Class A
 SafetyUL: UL2044
 CSA: C22.2 No. 1

Options

RVMOTEWired Remote Control
 RVLOCK3VCR Lock Box
 ADR8010RKRack Mount Kit