

HDi Series High Definition Industrial Video Recorder



HDi-250 High Definition Industrial Video Recorder shown with optional slot-load & removable hard drive.

The HDi recorders are a series of versatile disk-based video recorders designed for industrial, scientific, educational and military video recording. Features include:

- HD/SD Recording & Playback
- Auto Detect TV Standard & Resolution
- Crestron/AMX compatible RS-232 & TCP/IP Remote Control
- Windows Network Accessible Files
- Secure Network Protocol (SSL)
- Sensitive Operation Lockout via PIN

Compact 1U Rackmount design with removable rack brackets allows for desktop operation.

High Definition Video up to HD1080p (1920 x1080) in MPEG-4 & MPEG-2. Support for a wide range of resolutions and frame rates.

Video I/O for the HDi-250 is HDMI, Component and Composite with 2-channel stereo audio. The HDi-SDI adds SDI input as well.

HD to DVD

Exclusive Dual-Stream Recording captures full HD video and transcodes/scales to DVD-format files simultaneously.

Video Overlay is available as Date, Time or Date & Time in the picture.

Responsive Display messages show status and record setup options as well as playback and disc burn options.

HDi Control is as versatile as HDi recording. Many operations are available and via Serial RS-232, TCP/IP (Telnet) commands and Web GUI.

Storage Options abound. Record to Hard Drive, Optical Disc, or USB device. The removable disk option ensures complete security and ease of changing media for different assignments



Optical Storage: A DVD drive is standard. Files can be copied to the DVD disc (+R, -R, +RW) as files or formatted and recorded as DVD-Video discs with No Menu, Text Menu, or Motion Video Icon menus. Recordings can also be copied to a network drive or to the front USB port.

Remote Control Protocol
Support for Telnet, serial and USB remote control.

Network Security
Connection to the network and file transfer to Windows machines is selectable On/Off. Secure Shell/SSH is standard. For Military security, the HDi can be ordered with NO USB and NO network ports.

On-Board Help Videos
Videos on the system to help train

Ordering Information
HDi-250-STD: High Definition Video Recorder with Hard Disk and DVD recording drive. HDMI, Component and Composite Input and output
RCA audio input and output
HDi-250-RHD: same as HDi-250-STD but with removable HDD

HDi-250-MIL-STD: same as HDi-250-STD but without USB and network ports
HDi-250-MIL-RHD: same as HDi-250-MIL-STD but with a removable HDD
HDi-250-MIL-EXT: same as HDi-250-MIL-STD but with 16 GB of RAM instead of 8 GB

HDi-SDI: SDI Input and output
HDi-SDI-RHD: same as HDi-SDI except with removable HDD
HDi-SDI-MIL: Military version of the HDi-SDI

HDi-250 Specifications

General

Dimensions: (W x H x D) 18" x 1.75" x 17"
Fits 19" EIA Rack
Shipping Weight: 9lbs
Power: 100VAC to 240VAC 50-440Hz, <30W
Operating Temperature: +5 to +40C
Storage Temperature: -20 to +60C
Operating Humidity: 20 to 80%
Recording System: Hard Disk or RAM
Recording File Formats: MP4, MPG, VOB (DVD)
Recording Media: DVD +/-RW, DVD +/-R,

Resolution support

HD Input Formats: 720p50, 720p59.94, 720p60, 1080i/p50, 1080i59.94, 1080i/p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97 and 1080p30

SD: PAL/NTSC

Control

Front Panel Buttons w/VFD Display
TCP/IP ASCII Commands
Protocol: RS-232 & TCP/IP "BCD1" protocol
Web/GUI interface

Specifications and prices subject to change without notice.

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