

## **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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