



HDi Series High Definition Industrial Video Recorder



BCD HDi-250 High Definition Industrial Video Recorder

The BCD HDi is a series of versatile disk-based video recorders designed for industrial, scientific, educational and military video recording. The HDi-250 answers many of our customers' requests for features like:

- HD Recording & Playback
- Auto Detect TV Standard & Resolution
- Removable Hard Drive
- Network Accessible Files
- Video Streaming *

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

High Definition Video Resolution is standard with the HDi-250: up to HD1080 (1920 x 1080) in various formats.

Video I/O for the HDi-250 is HDMI, Component and Composite with 2-channel stereo audio. Other I/O configurations are available with other models.

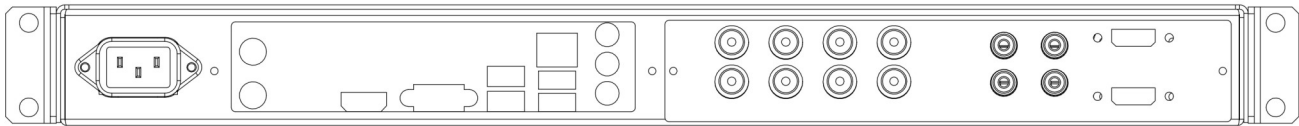
Video Overlay is available as Date, Time or Date & Time in the picture.

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 from front panel pushbuttons and available via TCP/IP commands.

Storage Options abound. Among the most popular combinations is a 2.5" removable hard drive and slot-load DVD drive. The removable 2.5" disk ensures complete security and ease of changing media for different assignments

Cool Running—The HDi-250 draws only about 2 Amps, and dual crossflow fans keep the inside and outside cool



Optical Storage: the *slot-load* DVD drive is preferred by many users to prevent breakage of the tray in a conventional drive. Files can be copied to the DVD disc (+R, -R, RW) as files or automatically formatted and recorded as DVD-Video discs with either Text or Videolcon menus. Recordings can also be copied to a network drive or to the front USB port.

Remote Protocol

For LAN control, the HDi-250 uses the "BCD1" 4-character command protocol, standard with all BCD products since 1982. Commands like PLAY, REC & STOP are enhanced with disc commands like COPY and BURN.

On-Board Help Video

Always accessible from the Help Menu, this 16-minute "HowTo" video is the perfect "Getting Started" manual.

General

The unit occupies 1 rack space and is equipped with a single DVD +R/+RW drive, complete information display, HDMI, Component, Composite Video I/O, RJ-45 jack for remote control, and on-board video help.

Preproduction units are available now.
 Official release Summer 2015
 Replaces BCD's DVD-1150HDD
 More details at BCDusa.com

Ordering Information

Model: HDi-250

Description: Recorder with Removable Hard Disk, Slot-Load DVD recorder

About BCD Associates, Inc.

Since 1980, BCD Associates, Inc. has manufactured computer controllers for VCR, Laser Disc, DVD machines and Digital Video Recorders. With clients in 26 countries and applications from Education and Industry to Government and Defense, BCD products have proven reliability. BCD's line of digital recorders is in response to customer demands for features not found elsewhere.

BCD HDi-250 Specifications

General

- Dimensions: (W x H x D) 18" x 1.75" x 13"
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, NTSC/PAL
- File Formats: MPG, MP2, MP4
- Recording Media: DVD +/-RW, DVD +/-R,

Input/Output

- Video : HDMI x2,
Component (Y, Ry, By) BNC x6
(HD Input Formats: 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97 and 1080p30)
Composite BNC x2
- Audio In/Out: .7V p-p into 600 Ohms (RCA)

Control

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

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