# *HDi Series*
## High Resolution
## Industrial Video Recorder



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

**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/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** Resolution is standard with the HDi-250: up to HD1080i/p (1920 x 1080) in MPEG-4 & MPEG-2.

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

**HD to DVD**
Exclusive Dual-Stream Recording captures full HD video and transcodes/scales to DVD-format files simultaneously.
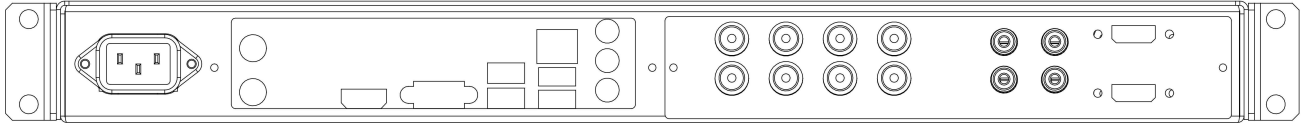
**Video Overlay** is available as Date, Time or Date & Time in the picture.

**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

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

**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. The HDi can record files directly to a USB drive as well as directly to optical disc.

**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, RECS & STOP are enhanced with disc commands like COPY and BURN.

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

**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 & 9-pin serial jacks for remote control, and on-board video help.

The HDi-250 replaces BCD's DVD-1150HDD More details at BCDusa.com

**Ordering Information**
**HDi-250-HDD/DVD:** High Definition Video Recorder with Hard Disk and DVD recording drive. Inquire for other options.

## 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 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, NTSC/PAL
- Recording File Formats: MP4, MPG
- Recording Media: DVD +/-RW, DVD +/-R,

**Input/Output**
- Video : HDMI x2,
Component (Y, Ry, By) BNC x6
(HD Input Formats: 720p50, 720p59.94, 720p60, 1080i/p50, 1080i59.94, 1080i/p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97 and 1080p30)
Composite BNC x2 , SD Only, PAL/NTSC
- 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
- Web/GUI interface

Specifications and prices subject to change without notice.

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