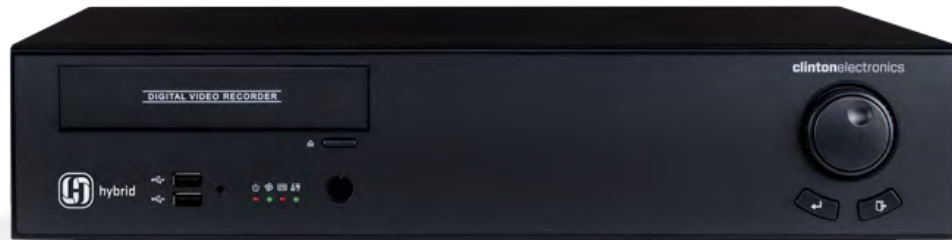


CE-HY16 16 Channel EX-SDI, HD-SDI & Analog Hybrid DVR



EX-SDI 2.0

Full HD 1080p

UL US LISTED

CE-HY16 Features:

- Record video: 480 FPS at 1080p (30 FPS per Channel)
- HDMI, VGA and BNC main monitor outputs
- 3 BNC spot monitor outputs
- Full HD 1920 x 1080 monitor output
- Auto detects camera type; EX-SDI 2.0, EX-SDI, HD-SDI or Analog
- Automatically adjust resolution for each camera, each channel
- Back-up to CD-RW, DVD-RW, USB, or PC via AVMS remote software
- 2 TB SATA HDD comes standard, larger HDD options available
- RAID configurable
- Rack-mountable
- UL Listed

CE-HY16 HDD Options:

- CE-HY16/2TB (2 TB Western Digital Purple HDD - Standard)
- CE-HY16/4TB (4 TB Western Digital Purple NV TB HDD)
- CE-HY16/6TB (6 TB Western Digital Purple TB HDD)
- CE-HY16/8TB (8 TB Western Digital Purple NV TB HDD)
- CE-HY16/9TB (9 TB Western Digital Purple TB HDD)
- CE-HY16/12TB (12 TB Western Digital Purple NV TB HDD)

Universal Clinton DVR Features:

- Stand-alone Linux ASIC system
- Redundant operating system on flash memory and hard drive
- Embedded remote player on video file for PC viewing; no software installation
- Search by channel, time, date, motion, event, or new museum search feature
- Multiple recording rates for schedule, motion, event, time, and day
- Pentaplex operation: simultaneous Live, Record, Playback, Network, and Backup
- E-mail notification, pop-up window, log file
- Panorama search frame-by-frame
- View live & recorded content with the CEC Connect (iOS & Android) App
- Gigabit network
- Dual streaming support
- Digital zoom in live view & playback
- Web Browser: Windows & Mac
- Protocol: Static IP, DHCP & DDNS (free)
- AVMS remote software included



RECORDING	
Speed	480 FPS Global (30 FPS per Channel)
Resolution	Auto Detect (1080/720/960/DI) by each channel
Quality	Highest / High / Normal / Low
DISPLAY	
Video In	16CH (BNC) Auto Sensing: EX-SDI 2.0 / EX-SDI / HD-SDI (1080, 720) & SD/Analog (960, DI, CIF)
Video Out (MAIN)	1 HDMI, 1 VGA, 1 BNC
Video Out (SPOT)	3 BNC (CVBS) SPOT 1 = Select 1 Channel of Channels 1-16 SPOT 2 = Select 1 Channel of Channels 1-8 SPOT 3 = Select 1 Channel of Channels 9-16
Live View	120 FPS (Real Time)
Multi Screen Display	1 / 4 / 7 / 9 / 10 / 13 / 16
CONNECTIONS	
Audio In / Out	16 RCA In / 1 RCA Out
Alarm In / Out	16 In / 4 Out
USB	2 USB Ports (Front)
PTZ / Keyboard	1 RS485
eSATA	1 eSATA Port for External RAID HDD Systems
Ethernet	1 RJ-45 100/1,000 Mbps Ethernet
SEARCH	
Speed	x1, x2, x4, x8, x16
Quick / Event Search	Search by time with calendar / Search by event
Repeat Search	Select specific time period and playback repeatedly
Panorama Search	Search by selected area
Museum Search	Search by selected area
SYSTEM	
Standard HDD	2 TB
Optional HDDs	4 TB, 6 TB, 8TB, 9 TB, or 12 TB (4 HDD Slots)
Back-Up	CD/DVD-RW, USB, or PC via AVMS Remote Software
Operating System	Embedded Linux
Video Codec	H.264 Enhanced Compression Method
Audio Codec	ADPCM
File Format	Proprietary DVR Format
User Control	Remote Control, USB Mouse, or Jog Wheel
PTZ Support	Control Through USB Mouse / Multiple Protocols Recognized: Clinton, Pelco, Panasonic, Kalatel, etc...
Network Bandwidth	8 Mbps - 50kbps, AVMS 1Mbps min.
Language	English, Korean, Japanese, Chinese, Russian, French, German, Italian, Taiwan, Spanish, Portuguese
GENERAL	
Operation Temp / Humidity	32°F - 104°F / 20% RH - 80% RH
Power Requirement	100 - 220V AC (50/60Hz)
Power Consumption	50 Watts Max ± 10%
Dimensions W x D x H	17" x 17.45" x 3.5" 431.8mm x 443.23mm x 88.9mm
Weight (no HDD)	14.1 lbs / 6.396 kg