

CE-HY16 16 Channel 4MP EX-SDI, HD-SDI + HD Analog Hybrid DVR



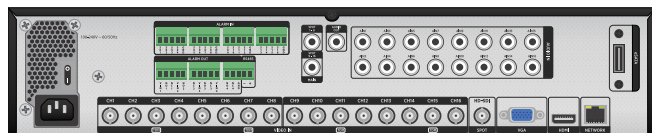
CE-HY16 FEATURES:

- 16 Camera Inputs: 4MP EX-SDI, 2MP EX-SDI, HD-SDI, Analog, AHD, CVI, & TVI (auto detects signal type & resolution)
- Record video: 240 FPS at 4MP - 1440p (15 FPS per Channel)
480 FPS at 2MP - 1080p (30 FPS per Channel)
- HDMI (4K), VGA and RCA (CVBS) main monitor outputs
- HD-SDI and RCA (CVBS) spot monitor outputs (RCA Main can also be configured as an additional spot monitor output)
- RTSP / ONVIF S network video outputs
- Remotely adjust camera settings with UCC on all 16 channels*
- 16 Audio Inputs / 1 Audio Output
- 16 Alarm Inputs / 4 Alarm Outputs
- One-touch Record button: Automatically saves most recently recorded video to pre-loaded CD/DVD-RW (recording times vary by disk size)
- Back-up to CD/DVD-RW, USB, or PC via AVMS remote software
- Multiple HDD sizes/configurations available (Max. 50 TB internal storage)**
- RAID configurable
- Jog wheel control for easy searching
- Rack-mountable with included brackets
- UL Listed

Universal Clinton DVR Features:

- Stand-alone Linux ASIC system
- Redundant operating system on flash memory
- Embedded backup player on video file for PC viewing, no installation
- Search by channel, time, date, motion, event
- Advanced search modes: Museum search (search for events in selected area), Preview Search (preview 1 hour of video as 16 still frames)
- 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
- View live, search, backup video and control PTZ cameras with the CVMS Mobile App (iOS & Android) & AVMS software (Windows PC)
- Gigabit network (up to 1,000 Mbps)
- Dual streaming support
- Web Browser: Windows (Internet Explorer)
- Free DDNS service
- AVMS remote software included

CONNECTIONS:



RECORDING	
Speed	4MP - 1440p: 240 FPS Global (15 FPS per Channel) 2MP - 1080p: 480 FPS Global (30 FPS per Channel)
Resolution	Auto Detect (4MP - 1440p / 2MP - 1080p) by each channel
Quality	32 Kbps - 8,192 Kbps
Recording Type	Schedule / Continuous / Motion (Event)
DISPLAY	
Video Inputs	16CH BNC
Input Signal Type (Auto Detects)	Digital: EX-SDI 4MP / EX-SDI 2.0 / EX-SDI / HD-SDI Analog: CVBS / 960H / D1 / CIF / A_HD / C_VI / T_VI
Video Out (MAIN)	1 HDMI (4K), 1 VGA, 1 RCA (CVBS)
Video Out (SPOT)	1 HD-SDI (1080p) : Channels 1-16 1 RCA (CVBS), SPOT 1: Channels 1-8 <i>*RCA Main can also be configured as SPOT 2: Channels 9-16</i>
Live View	Real Time - No Delay
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 HDD s (up to 4 additional HDDs)
Ethernet	1 RJ-45 10/100/1,000 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
Preview Search	Displays 1 hour of video as still frames at 4 minute intervals
Museum Search	Search by motion event in selected area
SYSTEM	
Maximum Storage Capacity	50 TB (internal storage)**
HDD Slots	5 Internal HDD Slots
Back-Up	CD/DVD-RW, USB, or PC via AVMS Remote Software
Operating System	Embedded Linux
Video Codec	H.264
Audio Codec	ADPCM
File Format	Proprietary DVR Format
User Control	Remote Control, USB Mouse, or Jog Wheel
Max Remote Users	15 remote/connected users
PTZ (RS485) Protocols	Clinton-W, Clinton-V, Cyberscan I, Cyberscan II, TB-CN3R1, Pelco D, Pelco P, NVCC-Z42N, Cyberdome (Kalatel), Samsung Techwin, Sungjin, Dongyang, DRX-500, DS120, Fastrax II, Sensormatic, PIH-7600, Eyeview Dome, Erna Tech, DY-255RXB, Acut Vista, Panasonic WV-CS950, PTC-401C, HSDN-251, CTDC-5355, AD Speed Dome, VCL (Honeywell)
Network Bandwidth	50 Kbps - 8 Mbps, AVMS 1 Mbps min.
Network Protocol	RTSP, ONVIF S, IPV4, DHCP, DDNS, TCP, HTTP, HTTPS, SSL
RTSP Integration	SureView Immix
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

*UCC (Up the Coax Control) requires an EX-SDI 2.0 DVR and camera equipped with UCC function. UCC allows camera adjustments (zoom in/out & adjust settings) to be made remotely through DVR.

**Max 50 TB Internal storage based on 5 x 10 TB HDDs, requires disabling CD/DVD drive