

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



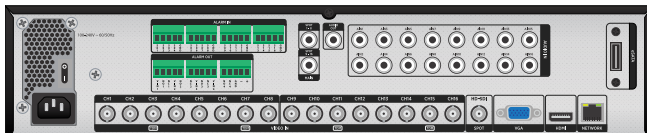
CE-HY16 FEATURES:

- 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 (Analog) main monitor outputs
- HD-SDI and RCA (Analog) spot monitor output (RCA Main can also be configured as an additional spot monitor output)
- Up to 4K (UHD) 3840 x 2160 monitor output
- RTSP / ONVIF S network video outputs
- Auto detects camera type; EX-SDI 4MP, EX-SDI 2.0, HD-SDI or Analog (CVBS) & HD Analog (A_HD, C_VI, T_VI)
- Automatically adjust resolution for each camera, each channel
- Remotely adjust camera settings with UCC* on all 16 channels
- 16 Audio Inputs / 1 Audio Output
- 16 Alarm Inputs / 4 Alarm Outputs
- Back-up to CD-DVD-RW, USB, or PC via AVMS remote software
- Remotely adjust camera settings with UCC* on all 16 channels
- Multiple HDD sizes/configurations available (Max. 40 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 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 & search recorded video and control PTZ cameras with the CVMS Mobile (iOS & Android) App
- Gigabit network
- Dual streaming support
- Digital zoom in live view & playback
- Web Browser: Windows (Internet Explorer)
- Protocol: Static IP, DHCP & DDNS (free)
- 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 | Highest / High / Normal / Low |
| Recording Type | Schedule / Continuous / Motion (Event) |
| DISPLAY | |
| Video In | 16CH (BNC) |
| Input Signal Type (Auto Detects) | Digital - EX-SDI 4MP / EX-SDI 2.0 / EX-SDI / HD-SDI Analog - CVBS / A_HD / C_VI / T_VI |
| Video Out (MAIN) | 1 HDMI (4K), 1 VGA, 1 RCA (Analog) |
| Video Out (SPOT) | 1 HD-SDI (1080p) 1 RCA (Analog), SPOT 1: Channels 1-8 *RCA Main can also be configured as SPOT 2: Channels 9-16 |
| 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 HDDs (up to 4 additional HDDs) |
| 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 | |
| Maximum Storage Capacity | 40 TB (internal storage) |
| HDD Slots | 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 | 50 kbps - 8 Mbps, AVMS 1 Mbps min. |
| Network Protocol | RTSP, ONVIF S, Static IP, DHCP & DDNS |
| 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 |

Due to signal tuning variations between each HD Analog camera manufacturer— we can not guarantee that the HD Analog output from off-brand, non-Clinton Electronics cameras will display correctly with this DVR.

*UCC (Up the Coax Communication) 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 40 TB Internal HDDs based on 4 x 10 TB HDDs.