

## CE-FXR16 16 Channel 4MP EX-SDI 2.0 DVR



### CE-FXR16 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 spot monitor output
- Up to 4K (UHD) 3840 x 2160 monitor output
- Auto detects camera type; EX-SDI 4MP, EX-SDI 2.0, EX-SDI, or HD-SDI
- Automatically adjust resolution for each camera, each channel
- Remotely adjust camera settings with UCC\* on all 16 channels
- 16 Audio Inputs / 1 Audio Output
- 8 Alarm Inputs / 4 Alarm Outputs
- Back-up to CD-DVD-RW, USB, or PC via AVMS remote software
- 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 CEC Connect (iOS & Android) App
- Gigabit network
- Dual streaming support
- Digital zoom in live view & playback
- Web Browser: Windows (Internet Explorer) & Mac (Safari)
- Protocol: Static IP, DHCP & DDNS (free)
- AVMS remote software included

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) : EX-SDI 4MP / EX-SDI 2.0 / EX-SDI / HD-SDI
Video Out (MAIN)	1 HDMI (4K), 1 VGA, 1 RCA (Analog)
Video Out (SPOT)	1 HD-SDI (1080p)
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	8 In / 4 Out
USB	2 USB Ports (Front)
PTZ / Keyboard	1RS485 (+/-)
eSATA	1eSATA 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.
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) Includes power cable
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

### CONNECTIONS:



\*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.