clintonelectronics

EX-SDI 2.0

CE-FXR4 4 Channel 4MP EX-SDI 2.0 + HD Analog DVR

4MP MEGAPIXEL 2560 x 1440 QuadHD

C(UL)US LISTED
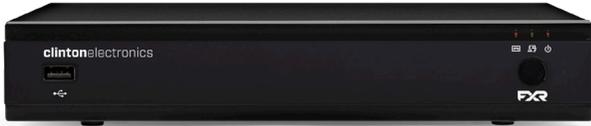
CE-FXR4 FEATURES:

· Record video: 120 FPS at 4MP - 1440p (30 FPS per Channel)
        120 FPS at 2MP - 1080p (30 FPS per Channel)
· HDMI (4K), VGA and BNC (Analog) main monitor outputs
· BNC Main can be configured as Spot Monitor
· 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 4 channels
· 4 Audio Inputs / 1 Audio Output
· 4 Alarm Inputs / 1 Alarm Output
· Back-up to USB or PC via AVMS remote software
· Multiple HDD sizes/configurations available (Max. 10 TB internal storage)**
· 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
· Gigibit 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

RECORDING	
Speed	4MP - 1440p: 120 FPS Global (30 FPS per Channel) 2MP - 1080p: 120 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 Inputs	4CH (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)	BNC (Analog) main can be configured as SPOT
Live View	Real Time - No Delay
Multi Screen Display	1 / 4
CONNECTIONS	
Audio In / Out	4 RCA In / 1 RCA Out
Alarm In / Out	4 In / 1 Out
USB	2 USB Ports (1 Front, 1 Rear)
PTZ / Keyboard	1 RS485 (+ / -)
eSATA	n/a
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
Panorama Search	Search by selected area
Museum Search	Search by selected area
SYSTEM	
Maximum Storage Capacity	10 TB (internal storage)
HDD Slots	1 HDD Slot
Back-Up	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 or USB Mouse
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	DC12V (DC12V/3A Power Supply included)
Power Consumption	850mA Max ± 10%
Dimensions (W x D x H)	10.25" x 9.375" x 1.75" / 260mm x 238mm x 44mm
Weight (no HDD)	2.6 lbs / 1.17 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.

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 10 TB Internal HDD based on 1 x 10 TB HDD (1 HDD Slots).