

16 Channel H.265 Full HD Network Video Recorder

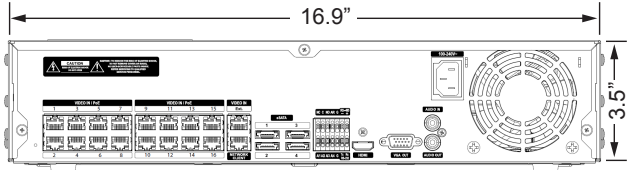


Description:	Features:
<p>The XDi 20 Series Network Video Recorder provides 16 channels of Full HD real-time recording and live display of video. These NVRs are designed to “plug-and-play” right out of the box. The built-in a DHCP Router and PoE Switch simplifies the installation, resulting in a simple configuration that requires limited IT knowledge for the instant streaming of network video. The simplicity of this system makes the XDi 20 Series recorder an ideal choice for retail, banking and small business applications. The XDi 20 Series delivers a complete network surveillance solution that meets the demands of user applications from a single location to more complex multi-site locations. StarNET can support up to 1,024 locations with up to 64 cameras per location or 65,536 cameras. As with all Costar recording platforms, the XDi system maintains its compatibility to the same StarNET and iNEX Remote Access interfaces.</p>	<ul style="list-style-type: none">• 16 Channel Full-HD real-time recording• 16 Channel PoE switch built-in• H.265, H.264 compression• x2 ~ x12 Digital Zoom• Two-way audio communication• Video Motion Detection (VMD)• Video Obscuration Detection (VOD)• One USB 2.0 port• One USB 3.0 port• USB mouse operation• Text interface for ATM applications• Up to 36TB of internal storage• Remote Access System (StarNET) Software Supports Static-IP, ADSL, DHCP, Dynamic-IP• Remote access via free smart phone app compatible with Apple® and Android™ devices

CR1620XDi Specifications

Model	Channels	HDD Options
CR1620XDi	16 Channels	Up to 36TB Capacity

Power	
Source	AC 100-240 V
Consumption	Max. 200W (with 6 HDDs)
Video	
Camera Inputs	16 IP Cameras
Monitor Outputs	1 HDMI, 1 VGA
Display Resolutions	3840x2160, 1920x1200, 1920x1080, 1680 x 1050, 1600 x 1200
Display Speed	16 Channels Up to 240ips
Digital Zoom Live	x2 ~ x12
Live Display Throughput	90Mbps
Recording	
Record Rate	160Mbps, 480ips @ Full HD, 120ips @ 4K (UHD)
Compression	H.265, H.264
Recording Modes	Time-lapse, Event, Pre-event, Panic
Event Triggers	Alarm In, Audio Detection, Motion Detection, Trip Zone Tampering, Video Loss
Playback	
Remote Playback Rate	50 Mbps
Performance	16ch Full HD synchronous playback 4ch 4K synchronous playback
Search Modes	Event Log, Motion, Text-in Time-lapse, Thumbnail
Digital Zoom Playback	x2 ~ x12
Interface	
Audio In/Out	NVR: 1RCA/1RCA + 1HDMI IP Camera: 16/16 (Depending on IP Camera)
Alarm In/Out	NVR: 4/1 IP Camera: 16/16 (Depending on IP Camera)
eSATA	4 eSATA Ports
Serial Interface	RS232 (Terminal Block), RS485 (Terminal Block)
USB	USB 2.0 x 1 USB 3.0 x 1
User Interface	Front Buttons, USB Mouse, IR Remote Control, Remote Keyboard

Network	
Operating System	Embedded Linux
Connection	Gigabit Ethernet (Client) x1
Camera Power	PoE (IEEE 802.3at Class 4) Supported 16 Ports, 120 watts
Remote Data Export	AVI, JPG, Clip Copy
Event Notification	Email (Attach MP4), Callback to Remote S/W, Push Notification, SNS (Twitter)
Throughput Speed	50Mbps (100 Mbps BRP On)
General Information	
Temperature	32°F to 104°F (0°C to 40°C)
Humidity	90% RH Max
Approvals	FCC, UL, CE, CB, KC
Weight	13.2 lbs. (6.0 kg) with 1 HDD
Dimensions (WxHxD)	16.9" x 3.5" x 16.2" (430 x 88 x 410.8 mm)
Storage	
HDD	SATA x6, eSATA x4, (Up to 6TB Capacity for Each Disk), RAID 1 supported
Total Capacity	132TB=6TB x (6(Internal) + 4x4(External))
Data Export Device	USB HDD, USB Stick
Dimensions	
	
Accessories	
CREVS4R-6TB	Extended Video Storage, 6TB
CREVS4R-12TB	Extended Video Storage, 12TB
CREVS4R-16TB	Extended Video Storage, 16TB
CREVS4R-24TB	Extended Video Storage, 24TB

COSTAR
VIDEO SYSTEMS

101 Wrangler, Suite 201 • Coppell, Texas 75019 • Phone: 469-635-6800 • Fax: 469-635-6822 • Toll Free: 1-888-694-STAR (7827)

www.costarvideo.com

Specifications and design are subject to change without notice. Conversions: 1" = 25.4mm. Measurement conversions are approximate.

Rev. 03/29/17