COSTAR
VIDEO SYSTEMS

CR3220XDi

32 Channel H.265 Full HD
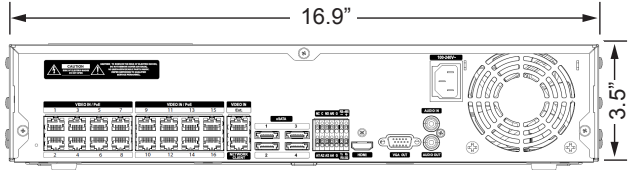## Network Video Recorder

XDi
directNET

Description:

The XDi 20 Series Network Video Recorder provides 32 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.

Features:

- 32 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

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CR3220XDi Specifications

Model	Channels	HDD Options
CR3220XDI	32 Channels	Up to 36TB Capacity

Power

Source	AC 100-240 V
Consumption	Max. 200W (with 6 HDDs)

Video

Camera Inputs	32 IP Cameras
Monitor Outputs	1 HDMI, 1 VGA
Display Resolutions	3840x2160, 1920x1200 , 1920x1080, 1680 x 1050, 1600 x 1200
Display Speed	32 Channels Up to 960ips
Digital Zoom Live	x2 ~ x12
Live Display Throughput	70Mbps

Recording

Record Rate	230Mbps, 960ips @ Full HD, 240ips @ 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	50Mbps
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: 32/32 (Depending on IP Camera)
Alarm In/Out	NVR: 4/1 IP Camera: 32/32 (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)
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

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