

16 or 32 Channel HD Network Video Recorder



XDi
Direct IP™

Description:	Features:
<p>The XDi 10 Series Network Video Recorders provide 16 or 32 channels of Full HD real-time recording and live display. 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 10 recorder an ideal choice for retail, banking and small business applications. The XDi 10 Series delivers a complete network surveillance solution that meets the demands of user applications from a single location to more complex multi-site locations. The XDi 10 Series can support up to 1,024 locations with up to 32 cameras per location or 32,768 cameras. As with all Costar recording platforms, the XDi system maintains its compatibility to the same iRAS and iNEX Remote Access interfaces.</p>	<ul style="list-style-type: none"> • 16 or 32 Channel Full-HD real-time recording • 16 Channel PoE switch built-in, expandable up to 32 Channels (using CRIS18 switch) • Up to 36TB of internal storage • H.264 codec compression • 2x ~ 12x Digital Zoom on playback • Two-way audio communication • Video Motion Detection (VMD) Video Obscuration Detection (VOD) • Two USB 2.0 ports • USB mouse operation • Text interface for ATM applications • Remote Access System (iRAS) 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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XDi 10 Series - 16 and 32 Channel Specifications

Model	Channels	HDD Options
CR1610XDi	16 Channels	2TB*, 3TB, 6TB, 9TB, 12TB, 18TB, 24TB, 30TB, 36TB *Only available for CR1610XDi
CR3210XDi	32 Channels	

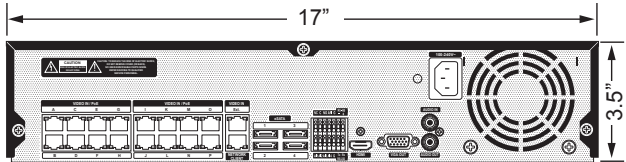
*When using a CDI51360DV it takes 2 channels on the CR1610XDi and 4 channels on the CR3210XDi.

Power				
Source	AC 100-240 V			
Consumption	200 Watts (with 6 HDDs)			
Video				
Camera Inputs	16 or 32 IP cameras 16 port PoE built-in			
Monitor Outputs	1 HDMI, 1 VGA			
Display Resolutions	1920 x 1080, 1680 x 1050			
Display Speed	Up to 480ips			
Digital Zoom Live	x2 ~ x12			
Live Display Throughput	50 Mbps			
Recording			Record Throughput	Max Total Throughput
Record Rates (Record Throughput - Mbps)	CR1610XDi		(160)	[260]
[Max Throughput - Mbps]	CR3210XDi		(230)	[330]
Record Resolutions	5MP	2560 x 2048		30*
Images Per Second - ips	2MP	1920 x 1080		30*
*images per second varies between model numbers when using ONVIF protocol				
Compression	H.264			
Recording Modes	Time-lapse, Pre-event, Event and Panic			
Event Triggers	Alarm, Audio Detection, Motion Detection, Trip Zone, Tampering, Video Loss, Text-in			
Playback				
Performance	4 channel Full HD synchronous playback			
Search Modes	Time-lapse, Event Log, Motion, Text-in			
Digital Zoom Playback	2x ~ 12x			
Interface				
Audio In/Out	NVR: 1RCA /1RCA + 1HDMI Cameras: 16/16 or 32/32			
Alarm In/Out	NVR: 4/1 Cameras: 16/16 or 32/32			
eSATA	4 eSATA ports			
Serial Interface	RS232, RS485, Ethernet			
Text In	POS Interface, ATM Interface			
USB	2 USB 2.0 ports			
User Interface	Front Buttons USB Mouse IR Remote Control Remote Keyboard			

Network	
Operating System	Embedded Linux
Connection	Gigabit Ethernet (Remote) x 1 + (IP Camera) x 8
Camera Power	PoE (IEEE 802.3at Class 4) supported 16 ports 120 Watts max
Remote Data Export	AVI, JPEG, Clip Copy
Event Notification	Email (attach MP4) Callback to remote S/W SNS (Twitter)
Network Throughput	50 Mbps (100 Mbps BRP On)

General Information	
Temperature	41°F to 104°F (5°C to 40°C)
Humidity	90% RH Max
Approvals	FCC, UL, CE, CB, KC
Weight (with 1 HDD)	13.2 lbs. (6.0 kg)
Dimensions (W x H x D)	17" x 3.5" x 16.2" (430 x 88 x 410.8 mm)

Storage	
Internal	SATA x 6, Up to 6TB capacity per disk
External	eSATA x 4

Dimensions	
	

Accessories	
CRIS10	8 Port PoE Switch
CRIS18	16 Port PoE Switch
CRIS12	8 Port PoE Switch
CRIS28	24 Port PoE Switch
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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Specifications and design are subject to change without notice. Conversions: 1" = 25.4mm. Measurement conversions are approximate.

Rev. 12/05/16