

16 or 32 Channel HD Network Video Recorder



Description:

The CR1610PC and CR3210PC Digital Video Recorders provide 16 or 32 channels of Full HD real-time recording and live display. The "10" series of PC based DVRs are powerful embedded Windows 8 64 bit recorders capable of supporting both SD analog and IP cameras. As with all Costar recording platforms, the PC recorders maintain compatibility to the same StarNET and iNEX Remote Access interfaces.

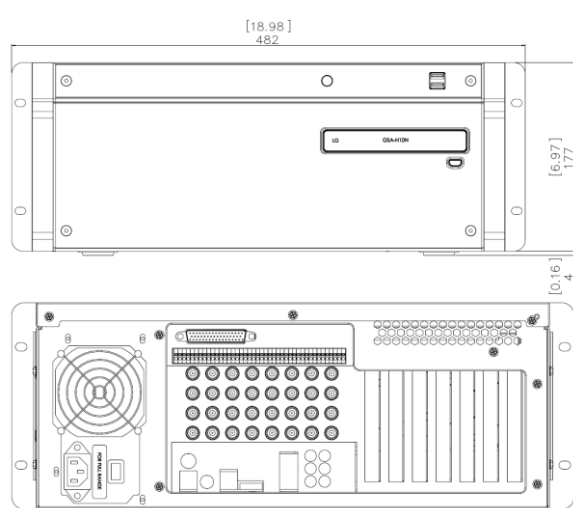
Features:

- 16 or 32 Channel Full-HD real-time recording
- Up to 16TB internal storage
- H.264 / H.265 codec compression
- 2x ~ 5x Digital Zoom on playback
- Two-way audio communication
- Video Motion Detection (VMD)
Object Detection (OBD)
- Four USB 2.0 ports + Two USB 3.0 ports
- USB mouse operation (mouse not included)
- Text interface for ATM applications
- Includes StarNET Video Management Software (VMS)
- Supports Static-IP, ADSL, DHCP, Dynamic-IP
- Remote access via free smart phone app compatible with Apple® and Android™ devices

CR10PC Series - 16 and 32 Channel Specifications

Model	Channels	HDD Options
CR1610PC	16 Channels	3TB, 4TB, 6TB, 9TB, 12TB, 16TB
CR3210PC	32 Channels	

Model	CR1610PC		CR3210PC
Power			
Source	AC 100-240 V		
Consumption	90 Watts	100 Watts	
Video			
Display Rate	Real-Time		
Display Resolutions	1920 x 1080		
Digital Zoom Live	2x ~ 5x		
Recording			
Record Resolutions	2MP	1920 x 1080	480ips
Images Per Second - ips	4CIF	720 x 480	480ips
Recording Throughput	190 Mbps		350 Mbps
Video Compression	H.264 / H.265		
Hybrid Recording	Yes		
Recording Modes	Event, Text-in, Time-lapse, Pre-event		
Event Triggers	Alarm, Audio Detection, Motion Detection, Trip Zone, Tampering, Video Loss, Text-in		
Playback			
Recorded Playback	16 or 32 channel Full HD synchronous playback		
Display Mode	1, 2x2, 1+5, 3x3, 4x3, 4x4, 1+16	1, 2x2, 1+5, 3x3, 4x3, 4x4, 1+32	
Search Modes	Calendar, Date/Time, Digital, Event, Motion, Museum, Text-in, Video Analytics		
Digital Zoom Playback	2x ~ 5x		
Interface			
Video Input	16 BNC		32 BNC
Video Output	1 HDMI 1 DVI 1 VGA 1 FHD-SPOT 9 SD-SPOT 16 Loop Out	1 HDMI 1 DVI 1 VGA 2 FHD-SPOT 10 SD-SPOT	
Audio Input	16 RCA		32 RCA
Audio Output	1 Line Out		1 Line Out
Alarm Input	16 TTL		32 TTL
Alarm Output	1 Relay 16 TTL	2 Relay 32 TTL	
Ethernet	2CH Gigabit Ethernet		
External Storage	1 eSATA port (Max 4 Bays x 6TB = 24TB)		
RS232C Port	1 DB9		
RS485 Port	1 Half Duplex		
Text In	ATM Interface, GPS Interface, POS Interface		
USB	4 USB 2.0 + 2 USB 3.0		

Network	
Operating System	Embedded Windows 8 64bit
Connection	Ethernet
User Groups	5 Groups, 256 Users
Remote Data Export	AVI, JPEG, Clip Copy
Event Notification	Email (attach MP4) Callback to remote S/W (iOS & Android app) SNS (Twitter)
General Information	
Temperature	41°F to 104°F (5°C to 40°C)
Humidity	0% ~ 90%
Approvals	CE, CB, FCC, KC
Weight (with 1 HDD)	38.1 lbs. (17.3 kg)
Dimensions (W x H x D)	17.3" x 7.0" x 18.2" (440mm x 177mm x 462mm)
Storage	
HDD	SATA x 4
Total Internal Capacity	Up to 16TB
Archiving Medium	Internal HDD
Data Export Medium	USB, DVD ± RW
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

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