

**8 or 16 Channel  
HD over Coax  
Digital Video Recorder****Description:**

The ET Series Digital Video Recorders provide 8 or 16 channels of HD real-time recording and live display. The ET Series DVRs are designed to “plug-and-play” right out of the box. The simplicity of this system makes the ET Series recorder an ideal choice for retail, banking and small business applications. The ET 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 ET Series can support up to 1,024 devices with up to 16 cameras per device or 16,384 cameras. As with all Costar recording platforms, the ET system maintains its compatibility to the same iRAS and iNEX Remote Access interfaces.

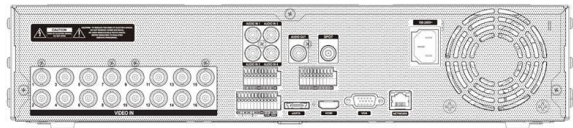
**Features:**

- 8 or 16 Channel HD real-time recording
- Up to 32TB of storage
- Auto detection of HD-TVI and analog signals
- 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
- Video spot monitor output
- Includes Remote Access System (iRAS)  
multi-client Video Management Software (VMS)  
supports Static-IP, ADSL, DHCP, Dynamic-IP
- Remote access via free smart phone app  
compatible with Apple® and Android™ devices

# ET Series – 8 or 16 Channel Specifications

Model	Channel	HDD Options
CR8000ET	8 Channel	1TB, 2TB, 3TB, 6TB, 9TB, 12TB, 16TB
CR1600ET	16 Channel	

Power			
Source	DC 12V AC 100-240V		
Consumption	120 Watts		
Video			
Camera Inputs	8 or 16 BNC (Analog and HD-TVI)		
Cameras Supported	720p25, 720p30, 1080p25, 1080p30, CVBS		
Video Outputs	1 HDMI, 1 VGA, 1 CVBS (Spot)		
Display Resolutions	1280 x 1024 1440 x 900 1920 x 1080		
Display Speed	Up to 120ips		
Digital Zoom Live	x2 ~ x12		
Recording			
Record Resolutions Images Per Second - ips	1080p	1920 x 1080	240*
	720p	1280 x 720	480*
	960H	960 x 480	480
	D1	720 x 480	480
	2CIF	640 x 360	480
	CIF	360 x 240	480
*images per second varies between model numbers: CR8000ET records at 120ips at 1080p and 240ips at 720p or lower			
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 1080p synchronous playback		
Search Modes	Time-lapse, Event Log, Motion, Text-in		
Digital Zoom Playback	2x ~ 12x		
Interface			
Audio In/Out	4 RCA / 1 RCA + 1 HDMI		
Alarm In/Out	CR8000ET	8 In / 4 Out	
	CR1600ET	16 In / 4 Out	
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
Remote Data Export	AVI, JPEG, Clip Copy
Event Notification	Email with attached MP4, Callback to remote S/W, Push notification via Mobile Apple® & Android™ apps, Social Networking Service Messaging via Twitter
Network Throughput	30ips @ D1 resolution
General Information	
Temperature	41°F to 104°F (5°C to 40°C)
Humidity	90% RH Max
Approvals	FCC, CE, UL
Weight (with 1 HDD)	13.2 lbs. (6.0 kg)
Dimensions (W x H x D)	16.9" x 3.5" x 15.9" (430 x 88 x 405 mm)
Storage	
HDD	SATA x4 Up to 4TB capacity per disk
Total Capacity	Up to 32TB (4TB x (4 Internal) + (4TB x (4 External)))
Dimensions	
	
Accessories	
CREVS-4R-6TB	Extended Video Storage, 6TB
CREVS-4R-12TB	Extended Video Storage, 12TB
CREVS-4R-16TB	Extended Video Storage, 16TB

**COSTAR**  
VIDEO SYSTEMS

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