

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



#### **Description:**

The XDi 20 Series Network Video Recorder provides 8 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:**

- 8 Channel Full-HD real-time recording
- 8 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

# CR8020XDi Specifications

| Model     | Channels   | HDD Options         |
|-----------|------------|---------------------|
| CR8020XDi | 8 Channels | Up to 36TB Capacity |

| Power                   |  |
|-------------------------|--|
| Source                  | AC 100-240 V   |
| Consumption             | Max. 200W (with 6 HDDs)  |
| Video                   |  |
| Camera Inputs           | 8 IP Cameras   |
| Monitor Outputs         | 1 HDMI, 1 VGA  |
| Display Resolutions     | 3840x2160, 1920x1200, 1920x1080, 1680 x 1050, 1600 x 1200                    |
| Display Speed           | 8 Channels<br>Up to 240ips   |
| Digital Zoom Live       | x2 ~ x12   |
| Live Display Throughput | 80Mbps   |
| Recording               |  |
| Record Rate             | 100Mbps, 240ips @ 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             | 8ch Full HD synchronous playback<br>4ch 4K synchronous playback              |
| Search Modes            | Event Log, Motion, Text-in<br>Time-lapse, Thumbnail                          |
| Digital Zoom Playback   | x2 ~ x12   |
| Interface               |  |
| Audio In/Out            | NVR: 1RCA/1RCA + 1HDMI<br>IP Camera: 8/8 (Depending on IP Camera)            |
| Alarm In/Out            | NVR: 4/1<br>IP Camera: 8/8 (Depending on IP Camera)                          |
| eSATA                   | 4 eSATA Ports  |
| Serial Interface        | RS232 (Terminal Block),<br>RS485 (Terminal Block)                            |
| USB                     | USB 2.0 x 1<br>USB 3.0 x 1   |
| User Interface          | Front Buttons, USB Mouse,<br>IR Remote Control,<br>Remote Keyboard           |

| Network            |   |
|--------------------|---|
| Operating System   | Embedded Linux  |
| Connection         | Gigabit Ethernet (Client) x1  |
| Camera Power       | PoE (IEEE 802.3at Class 4)<br>Supported 8 Ports, 120 watts                            |
| Remote Data Export | AVI, JPG, Clip Copy   |
| Event Notification | Email (Attach MP4),<br>Callback to Remote S/W,<br>Push Notification,<br>SNS (Twitter) |
| Throughput Speed   | 50Mbps (100 Mbps BRP On)  |

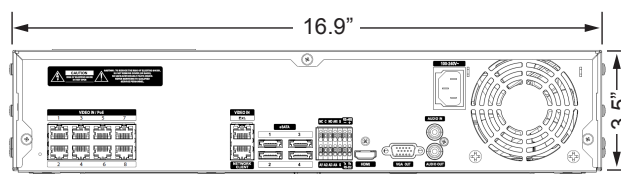
### General Information

|                    |   |
|--------------------|---|
| Temperature        | 32°F to 104°F<br>(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"<br>(430 x 88 x 410.8 mm) |

### Storage

|                    |  |
|--------------------|--|
| HDD                | SATA x6, eSATA x4,<br>(Up to 6TB Capacity for Each Disk), RAID 1 supported |
| Total Capacity     | 132TB=6TB x (6(Internal)<br>+ 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

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

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