

QV-XTA Commercial Class Digital Video Recorder

PENTAPLEX, REAL-TIME, JOG / SHUTTLE, FEATURE-RICH, EASE OF USE

Product Features

- H.264 Hardware Compression
- Up to 32 Video & 16 Audio Inputs
- HDMI, VGA, Composite Main outputs
- All Channel Playback (16ch Max)
- All Ch Video Loop Outs (Excpt 32ch)
- Video Matrix
- Pentaplex
- CIF All Camera Real-Time Recording
- 7 Frames/Sec/Camera D1 Recording
- Jog/Shuttle
- Digital Zoom
- Network Sub-Stream
- Windows, Mac, iPhone, Android, BlackBerry, Symbian Remote Access
- USB/E-SATA Drive Support
- Up to 8 Terabytes Internal Storage (16+ TBs for 32 channel model)

The **QV-XTA** digital video recorder is the ultimate in digital surveillance technology. The DVR's very high performance, feature-rich, and ease of use functionality combine to create one of the best standalone systems on the market today.

The **QV-XTA** is a commercial class digital video recorder utilizing H.264 hardware compression DSPs. The **QV-XTA** can push real-time video and audio recording at CIF resolution on every channel, up to two channels at full D1 (one on 4/8ch units, two on 16ch unit, four on 32ch) or 7 FPS at a full 4CIF(D1) resolution on every channel.

The ease of use in this DVR is amazing. Simply plug it in and it begins recording. Mouse control provides very simple point-and-click settings and control. In addition, the unit also includes an IR remote. Use the jog shuttle control to easily fast forward, rewind, and advanced frame-by-frame. You can playback one, two, three, four or ALL channels simultaneously directly off the unit and up to 4 channels simultaneously on the web interface or client software.



Remote viewing, playback, configuration, upgrade, reboot, and backup are all standard on the **QV-XTA**. The embedded web server enables users to perform all these remote function via an Internet Explorer web browser, eliminating the need to install software. Client software is also included for central monitoring and alerts for multiple **QV-XTA** units. Dual streaming configurations are also a standard feature allowing high resolution recording on the unit locally, while lower bit rates and resolution are used for remote viewing, conserving network bandwidth and increasing remote viewing quality and performance. Two-way voice talk & audio over the Internet is also standard on the **QV-XTA**.

There are too many features to list, but some of the following include: HDMI, VGA and Composite simultaneous main monitor output, Video Matrix, 10 simultaneous network users, RAID storage, FTP record/backup, email alerts, DDNS support, 3D intelligent PTZ control, power failure auto-recovery, DVD-RW backup, user management and much more.

Full featured 4th generation digital surveillance technology utilizing a Linux embedded OS, embedded web server, and Blackfin DSPs bring together the most powerful network-based digital video recorder available without sacrificing usability.

TECHNICAL SPECIFICATIONS



| MODELS | |
|----------|--------------------|
| QV-4XTA | Standard 4ch unit |
| QV-8XTA | Standard 8ch unit |
| QV-16XTA | Standard 16ch unit |
| QV-32XTA | Standard 32ch unit |

| GENERAL | |
|-------------------------------|--|
| Video Inputs | 4,8,16,32 inputs, 1.0Vp-p, 75Ω unbalanced |
| Video Outputs | 4 Monitor outputs (1080p HDMI , VGA, Composite, Spot Monitor) |
| HDMI/VGA/Composite | Yes |
| Individual channel loop outs | One loopout per camera channel ** |
| 1 Spot Monitor | Video Matrix Function |
| Audio Inputs | 4,8,16 audio inputs (200-2800mV, 30Kohms) |
| Audio Outputs | 1 audio output (200-3000mV, 5Kohms) |
| Voice Interface | 1 (200-2800mV, 30Kohms) |
| Audio Compression | G.711, 64kbps ADPCM (VOIP standard) |
| Video Compression | H.264 |
| Playback & Preview Resolution | NTSC: HDMI/VGA 1920x1080, 1280x1024 1280x720, 1024x768 |
| Compression Resolutions | NTSC: 704 x 480 (D1 / 4CIF) NTSC: 352 x 240 (CIF) |
| Color | 16.7 Million |
| Stream Type | Video or Video/Audio |
| Bit Rate | 56kbps ~ 2Mbps (user-defined), variable |
| Recording Frame Rate | CIF Resolution: 30 frames/sec/channel 4CIF Resolution: 6 frames/sec/channel |
| Record Quality | Highest, Higher, High, Average, Low, Lower, Lowest |
| Record Mode | Continuous, Schedule, Motion, Alarm (simultaneous or combination) |
| Playback Mode | Date/Time Search or Event Search |
| Operation Mode | Pentaplex (simultaneous monitor, record, playback, network, and backup) |
| Motion Detect | Area Division: 22 x 15, on/off selectable Motion Detect and Relay On Simultaneously |
| Privacy Masking Alerts | Yes |
| View Tampering Alerts | Yes |
| Network Function | Internet Explorer and Client Software |
| Alarm | 16 Alarm Inputs / 6 Relay Output |
| Back-up | DVD-RW / USB / Network/E-SATA |
| RS485 | Keyboard Controller / PTZ |
| HDD Interface * | 4 SATA. Internal bracket supports 3 HDD plus 1 DVD-RW or 4HDD without DVD-RW |
| HDD Management | Hibernation, HDD faulty alarms, RAID |
| VGA Interface | 1, Support 800x600/60Hz, 1024x768/60Hz, 1280x1024/60Hz, 1920x1080/60Hz |

| MECHANICAL | |
|----------------------|-----------------------|
| Video Inputs | BNC female |
| Video Output | BNC female |
| Monitor Output | HDMI, VGA, BNC |
| Audio Inputs | BNC female |
| Audio Output | BNC female |
| Alarm Inputs | Screw Terminals |
| Alarm Outputs | Screw Terminals |
| RS485 | Screw Terminals |
| Network | RJ-45 10M/100M UTP |
| VGA | 9-pin D-sub female |
| USB | USB 2.0 Type A port |
| IR Remote Controller | Standard, Addressable |
| Voice Interface | RCA female |

| ELECTRICAL | |
|--------------------|------------------------|
| Power Requirements | 110V 60 Hz, 220V 50Hz |
| Power Consumption | 22W ~42W (without HDD) |

| ENVIRONMENTAL | |
|-----------------------|---------------------------|
| Operating Temperature | 32° to 131°F (0° to 55°C) |
| Operating Humidity | 10-90% RH Max. |

| PHYSICAL | |
|-----------------|---|
| Dimensions | 19in. 2U width=17.3" x height=3.5" x depth=18.1" |
| Weight | 23 lbs approx. (without HDD) |
| Shipping Weight | 35 lbs approx. |

*** 32 Ch XTA Supports 8 SATA HDDs (16TB+ of storage!)
(6 w/ DVD Burner Installed)**

** Note, 32 ch model does not have looping video outputs.