

DX8100 Series Digital Video Recorder

8/16/24/32 CAMERA INPUTS, 250 GB-3 TB STORAGE, ADVANCED SEARCH CAPABILITIES

PRODUCT FEATURES

- Interoperable with DX8000 DVRs
- 16-Channel Expansion Box Option
- Maximum Increased Storage Capacity of 3 TB
- External Storage RAID Option with DX9200HDDI
- Increased Frame Rate for 2CIF and 4CIF Recording
- Standard Analog Output
- 10/100/1000 Megabit Ethernet Port
- NTP Time Server Compatible
- Standard DVD-R Burner Writes to CD-R and DVD-R Media
- Up to 704 x 480 Recording Resolution (4CIF)
- Up to 32 Camera Inputs and Outputs with Auto Termination
- KBD300A Keyboard Support for Camera Selection and PTZ Control
- Third-Party Dome Support

The Choice for Professional Security – As your business grows and becomes more diversified, you need a professional digital video recorder (DVR) that can grow with and also stay a step ahead of your business security requirements. Your security application might require more cameras or DVR software that provides even more sophisticated operation and control features. The **DX8100 Series** digital video recorders (DVRs) bring to market a new and innovative hardware platform that is powered by unparalleled and unique high-performance software. The DX8100 is expandable to meet your future security requirements.

The DX8100 is interoperable with your existing DX8000 DVRs, allowing you to build upon your existing DX8000 security system. A DX8100 client can operate and administer DX8100 and DX8000 servers in the same network.

When you need to quickly and easily add more security cameras, the new DX8100-EXP 16-channel expansion unit extends the 8- or 16-channel DX8100 to 24 or 32 channels. With or without the channel expansion unit, all of the cameras can now take advantage of the increased frame rate of 2CIF and 4CIF recording. The DX8100 records video up to 480 images per second (IPS) at a maximum CIF image size.



(MONITOR, DX8100-EXP, AND KBD300A KEYBOARD NOT INCLUDED.)

- Multi-Event Recording Schedules
- ATM/POS Data Interface Support
- Up to 100 Simultaneous Client-to-Server Connections

If your security project demands increased storage capacity, you can extend recorded internal storage up to 3 TB. With the optional DX9200HDDI, you can further increase the DX8100 storage capacity. Alternately, you can use the DX9200HDDI as a redundant RAID solution.

Where you require audio recording as part of your security environment, optional audio cards provide one channel of audio for each channel of video.

Sophisticated video security applications require a network of DVRs to monitor multiple locations. The 10/100/1000 megabit Ethernet port supports today's high-speed networks. You can network your DX8100s and DX8000 systems and remotely operate the DVRs for continuous, motion detection, alarm, ATM/POS, normal scheduled recording, and administer and view live and playback video. For time-critical security applications, you must ensure that all video recordings are synchronized to an accurate time source. The DX8100 supports the Network Time Protocol (NTP), which allows you to synchronize all networked DX8100s to one NTP time server.

The DX8100 is the professional choice for your security application.



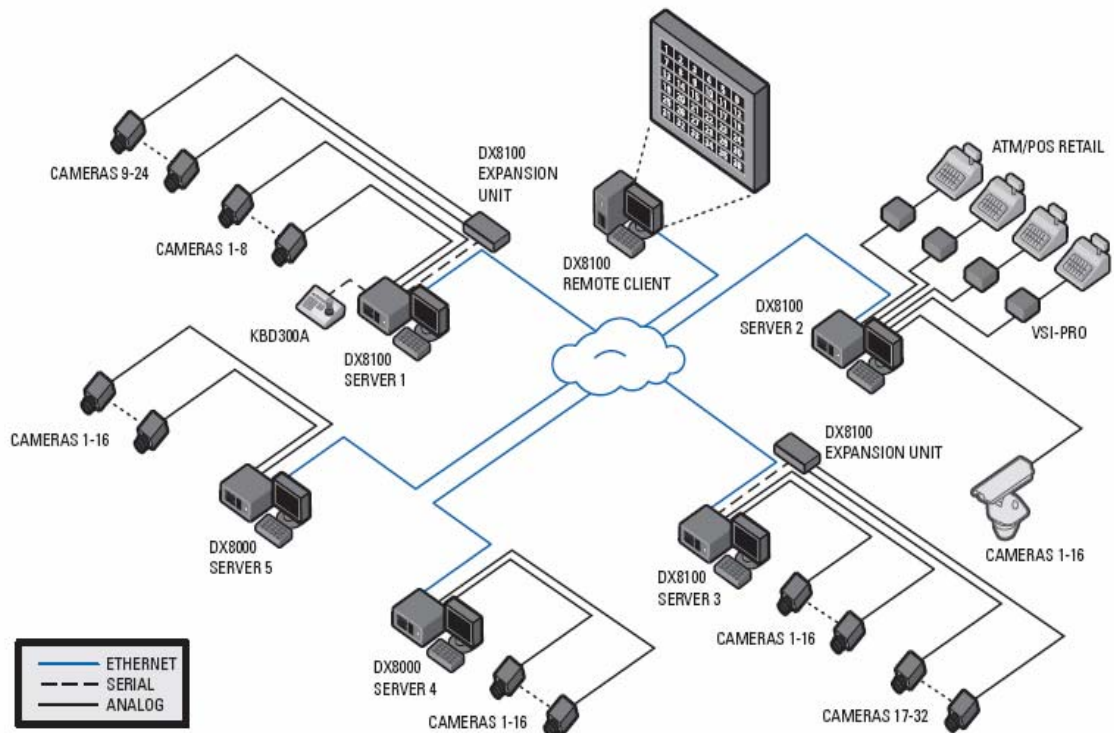
C2629 / REVISED 1-07



International Standards Organization Registered Firm; ISO 9001 Quality System



TECHNICAL SPECIFICATIONS



APPLICATIONS

The DX8100 interacts as a comprehensive system, easily integrating into your existing DX8000 network. The DX8100 adds many new features, for example DX8100 server-to-DX8000 server connectivity, and carries forth all existing DX8000 features including KBD300A keyboard compatibility, viewing up to 36 images simultaneously, and direct connection to ATM/POS devices and other serial devices.

ADDITIONAL FEATURES

- 36 Camera Views for DX8100 Server or Client
- On-Line Help
- Up to 32 Channels of Audio Recording (Optional)
- 8/16/24/32 Alarm Inputs and 8/16/24 Relay Outputs
- Camera View Favorites
- Instant Playback
- Quick Menu Option to Turn Relays On/Off
- Live Audio Over the Network
- Video Loss Event Start and Recovery Time
- Video Loss Event Linked to an Alarm
- Up to 480 IPS Recording Rate at 320 x 240 Resolution (NTSC)
- Up to 100 Servers in Client Tree
- Connect Any Five DX8100 Servers in a Network or Any Combination of DX8100 and DX8000 DVRs
- Network Bandwidth Throttling
- Multiple Displays for Live Viewing or Playback While Recording
- 6X Digital Zoom on Playback
- Pre-Motion and Pre-Alarm Recording
- On-Screen PTZ Control with Positioning Device Programming Capability
- Includes Remote PC, Web, and Handheld Client Software
- Pelco-Engineered Compression Technology Offering High-Quality and Small File Sizes
- Local and Remote Administration, Live, Search, and Playback Viewing
- Individual Camera Channel Configuration
- Display of Cameras from Different Sites on One Screen
- Dynamically Adjustable Frame Rate and Image Quality for Motion and Alarm Recording and Pre-Alarm Recording
- Pre-Alarm Recording up to 60 Seconds (up to 15 Minutes with Optional 512 MB RAM Upgrade)*
- Monitor System Changes Using Activity Logs
- User-Friendly and Highly Intuitive Graphical User Interface
- Local and Remote Software Upgrade Capabilities
- Multilevel Password and User Configuration
- Automatic Image Watermarking
- Multilanguage Support (English, French, German, Italian, Polish, Portuguese, Russian, and Spanish)
- User-Definable PTZ Presets, Patterns, and Preset Tours
- Display up to 36 Local and Remote Cameras on a Single Screen Only in CIF
- Print Still Images from Video
- Export Video and Still Images in Multiple Formats, Including DX8100 Native, AVI, ASF, BMP, TIFF, and JPEG
- DX8100 Viewer Included with Video Exports
- API Facilitates Development and Integration of Third-Party Applications
- Ability to Configure Any Number of Camera Inputs for Covert Mode
- Scheduled Backup

*Pre-alarm time estimate based on 16-channel recording at a resolution of 320 x 240 (CIF) and a frame rate of 5 ips.