DX2000 Series Digital Video Recorder
8/16 CAMERA INPUTS, 80-640 GB HARD DRIVE SPACE

Product Features

- Transaction-Based Data and Video Recording
- Embedded Operating System for Maximum Reliability
- Full-Duplex Operation
- Cost-Saving, Web-Based, Remote Interface (only) for All Functions
- TCP/IP or PSTN Compatible
- 8 or 16 Camera Inputs
- 80/160/320/480/640 GB Hard Disk for Video Storage
- Up to 180 Days Scheduled, Motion, ATM, or Point-Of-Sale (POS) Terminal Recording (Depending on Model)** (see note on back)
- Very Flexible Record Setup to Accommodate the Most Demanding Schedule
- Time/Date, Transaction Number, or Text Data Search

- Easy P/T/Z Control Via Coaxitron with Intuitive Interface
- 8/16 Alarm Inputs and 2 Relay Outputs
- 1 Analog Switching Video Output
- Desktop, Wall, or Rack Installation

The **DX2000 Series** Digital Video Recorder (DVR) ushers in a new era of flexibility and integration. Built for users who demand an easy-to-operate, yet innovative DVR for their remote sites, the **DX2000** offers all the options at an affordable price.

A major concern of analog-based storage technology (used in VCRs) is the need for on-site personnel to constantly change recording media. Pelco's **DX2000 Series** DVR is the perfect storage solution for unattended recording. Phenomenal compression technology and flexible, internal storage capacity alleviate the need for on-site personnel and external storage devices.

In addition to traditional concerns, today's users in many industries demand an additional level of integration from their DVRs with regard to ATMs, POS terminals, and other devices.** (see note on back)

The **DX2000 Series** DVR can record video based on scheduled settings in continuous, motion detection, or alarm modes. It can also be connected to a maximum of 16 serial devices such as cash registers or ATMs for recording data along with the video. Not only is the data recorded and electronically associated with the video, but due to live monitoring of data by the system, most video recording parameters can be changed depending on the data received. For example, the **DX2000 Series** DVR can speed up recording for certain types of data transactions that are designated as exceptions.

Since most applications do not require local, labor intensive supervision, the **DX2000 Series** DVR was engineered for complete remote operation utilizing TCP/IP network (LAN/WAN/Internet) or PSTN phone line connections. The system is operated or programmed (depending on password level) through the Web browser interface installed on your PC. The PC can be positioned in close proximity to the **DX2000** or located halfway around the world.

Programming mode allows the setting of all system parameters; for example, naming cameras, recording schedules, setting alarms, and controlling image quality. Live mode allows live data transaction and camera viewing and PTZ control independent of recording. Playback mode allows for searches based on time/date data fields such as transaction numbers, keywords, or a combination of both.

Full-duplex operation assures that no video is lost during review. A wide variety of hard drive options allows for maximum flexibility at the most affordable price.

TECHNICAL SPECIFICATIONS

MODELS

No. of Inputs/ Base Model	Hard Drive Storage Capacity (GB)					Example:
	80	160	320	480	640	**DX2008-080**
(8 inputs) DX2008-	080	160	320	480	640	8 inputs,
(16 inputs) DX2016-	080	160	320	480	640	80 GB HDD storage

Supplied Accessories:
Rack ear kit and two power cables (United States and Europe)

Minimum PC Requirements for Remote Site Software:
Pentium®III processor, 800 MHz, 128 MB RAM; 1024 x 768 display resolution; 24-bit color display; video card with 16 or more megabytes of RAM; Windows® 2000, NT 4.0 (SP6), XP, ME; Internet Explorer 5.5 or higher; Ethernet-compatible network card (10/100 preferred).

ELECTRICAL/VIDEO

Input Voltage	100-240 VAC, 50/60 Hz, auto-ranging
Power Consumption	200W maximum
Video Standards	NTSC/PAL switchable
Image Size	720 x 240 (NTSC and PAL)
Compression Algorithm	Wavelet
Compressed Image Size	5-33 kB, 12 kB average
Max. Recording Speed	16 images/sec
Max. Transmission Speed	16 images/sec
Video Inputs	8 or 16, depending on model
Video Outputs	1 analog
Alarm Inputs	8 or 16, screw terminal
Communication Protocols	LAN, WAN, TCP/IP, PSTN
Pan/Tilt/Zoom Control	Coaxitron (16- or 32-bit)
Relay Contact Ratings	
Rated (Resistive) Load	0.3A at 125 VAC or 1A at 30 VDC

MECHANICAL

Connectors
Video Inputs	8 or 16 BNC (looping)
Alarm Inputs	8 or 16, screw terminal; N.O., N.C., or supervised
Relay Outputs	2 (N.O. and/or N.C.)
Video Outputs	1 (switching)
TCP/IP port	RJ-45, 10/100
Data interface	

Port No.	Optional Devices
1, 2	Data adapter*, PIM, SNA
3, 4	Data adapter*, PIM, RS-422

GENERAL

Operating Temperature	41° to 104°F (5° to 40°C)
Relative Humidity Maximum	80%, non-condensing
Desktop Dimensions	5.5" H x 17.0" W x 19.6" D (includes rubber feet) (14.0 x 43.2 x 49.8 cm)
Rack Dimensions	5.25" H x 19.0" W x 19.6" D (3 RUs) (13.5 x 48.3 x 49.8 cm)

Unit Weight (Approx.)	Unit	Shipping
DX2008-080, DX2016-080	26.5 lb (12.0 kg)	34 lb (15.4 kg)
DX2008-160, DX2016-160	26.5 lb (12.0 kg)	34 lb (15.4 kg)
DX2008-320, DX2016-320	28.0 lb (12.7 kg)	35 lb (15.9 kg)
DX2008-480, DX2016-480	29.5 lb (13.4 kg)	37 lb (16.8 kg)
DX2008-640, DX2016-640	31.0 lb (14.1 kg)	38 lb (17.2 kg)

CERTIFICATIONS

- CE, Class B
- UL Listed
- UL Listed to Canadian safety standards
- FCC, Class B

OPTIONAL ACCESSORIES

DX2000DH	Data hub; provides local connection to 7 serial devices at distances of 4,000 feet (1,219 m) from the DX2000
DX7000EM	56K external analog modem. Full- or half-duplex on 2-wire phone lines; demand-driven high-speed turnaround in HST mode; symmetrical speeds in V.32 bis
DX2000DA9*	RS-232 data adapter; connects directly to serial device's communications port
DX2000DA9T*	RS-232 data adapter; DB-9 T-connector
DX2000DA25T*	RS-232 and SNA data adapter; DB-25 T-connector, 25-foot (7.6 m) cable supplied
ICI1000PIM	Data adapter; connects to POS devices that do not have a serial communications port

* Use only approved devices from the Optional Accessories list. Data adapters are required for RS-232 connection. Maximum cable length with a data adapter is 150 feet (45.7 m). For longer distances, use the DX2000DH data hub.

** Contact factory for interface information.