DX1104-080 Digital Video Recorder

4 CAMERA INPUTS, AUDIO RECORDING, USB TRANSFER PORT, 80 GB HARD DRIVE

Product Features

- 4 Inputs for Fixed Cameras
- Audio Recording and Playback
- USB Port for Transferring Data to and from the DVR; USB Flash Drive Included (Limited Time Only)
- Software Viewer for Playing Back Video and Audio on a PC
- 80 GB Hard Drive for Video Storage
- Quad Camera Display for Live Viewing While Recording
- Continuous, Alarm, and Scheduled Recording Modes
- Easy Playback and Forward/Reverse Search
- Playback by Date, Time, and Camera
- On-Screen Menu Programming
- 4 Alarm Inputs, 1 Alarm Output
- Compatible with All Pelco Analog Monitors

The **DX1104-080** digital video recorder (DVR) is a high-quality compact recorder that combines the functions of a recorder and multiplexer into one unit. Having no tapes to maintain, replace, or rewind means that this recorder can be set up once and virtually forgotten about until a review of the video becomes necessary. It also dramatically reduces the downtime for maintenance or repair that is generally associated with VCRs.

The **DX1104-080** can record video from as many as four cameras. In addition, with a customer-supplied preamp microphone, one channel of audio can be recorded.

A USB flash drive comes with the **DX1104-080** for downloading the latest software from Pelco's web site to the DVR. The flash drive also can be used to transfer recorded video and audio from the DVR to a PC. A software viewer is included to allow the video and audio to be played back on the PC.

The **DX1104-080** can be placed on a shelf or desktop for easy access to the front panel controls for operation and programming.

A quad display of live video from all four cameras can be viewed while recording.

Recording can be done continuously, for a scheduled amount of time in a 24-hour period, or on an alarm input basis. Each camera has its own alarm input for alarm-activated recording. Using a combination of these programmable features allows the user to extend the recording time.

An 80 GB hard drive generally allows continuous recording for up to four weeks under the most common recording conditions. However, recording time will vary depending on quality, number of cameras recorded, and recording rate. When the available hard drive storage space is consumed, the **DX1104-080** automatically begins recording over the oldest video. This means that the user does not have to worry about rewinding or changing tapes, or replacing them as they wear out.

Recording can be stopped at any time to play back video. Entering the desired time, date, and camera number allows the user to access any recorded video instantly. Search functions during playback allow frame-by-frame viewing, fast playback, and playback of alarm events.

The DVR uses password protection to guard against unauthorized or unintentional recording or playback.

International Organization
for Standardization;
Registered ISO 9001

MODEL

DX1104-080 — Four-channel digital video recorder, 80 GB HDD, simplex operation (cannot record and play back video at the same time)

ELECTRICAL/VIDEO/AUDIO

Input Voltage	80-240 VAC, 50/60 Hz, autoranging
Power Consumption	20 watts
Video Standard	NTSC or PAL, switchable
Video Compression	MPEG
Image Size	352 x 240 pixels, true color
Recording Speed	1-30 ips, depending on system setup
Video/Audio Storage	80 GB hard drive
Video Inputs	4
Video Outputs	2 (1 monitor, 1 video printer)
Audio Input	1, unbalanced level, 2.0 Vp-p (maximum), 1.0 Vp-p (typical)
Audio Output	1, unbalanced level
Audio Output to Audio Input Gain	X2 gain (typical)
Audio Compression	G.723.1, 6.3 Kbps
Audio Size per Second	Estimated 1 KB/sec
Alarm Inputs	4, normally open dry contact
Alarm Output	1, normally open, latching, Form A

MECHANICAL

Connectors	
Alarm Inputs	4 pairs, push-in
Alarm Output	1 pair of relay contacts, push-in
Camera Inputs	4, BNC
Monitor Output	1, RCA phono (BNC adapter supplied)
Video Printer Output	1, RCA phono (BNC adapter supplied)
Audio Input	1, RCA pin jack
Audio Output	1, RCA pin jack
USB Port	1 USB 1.1 port*

USB FLASH DRIVE

(Supplied for a limited time only)

Compliance	USB 1.1 compliant
Operating System	Windows® 2000, Windows® XP

GENERAL

Operating Temperature	41° to 104°F (5° to 40°C)
Relative Humidity	Maximum 80%, noncondensing
Dimensions	2.8" H x 10.5" W x 14.6" D (7 x 27 x 37 cm)
Unit Weight	7 lb (3.18 kg)
Shipping Weight	9 lb (4.08 kg)

CERTIFICATIONS/RATINGS

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

* USB compatibility has been successfully tested for these recommended USB flash drives:

Dell®	(64 MB)
Lexar JumpDrive™ V1.0	(64 MB)
Lexar JumpDrive™	(256 MB)
Lexar Media JumpDrive™	(128 MB)
Memorex®	128 MB)
Memory Experts ClipDrive Bio™	(64 MB)
SanDisk Mini Cruzer®	(256 MB)
Sony Micro Vault™	(128 MB)