

Hybrid video recorders

DX hybrid video recorders meet the demands of customers migrating to IP video while leveraging their existing analog video surveillance infrastructure. With support for 8 to 32 analog cameras, plus 8 IP megapixel cameras (DX4700HD/DX4800HD), and storage from 250 GB to 8 TB, these easy-to-use systems are ready to record out of the box.



	DX4700HD	DX4800HD	DX8100
GENERAL			
Analog Camera Inputs	8, 16	8, 16	8, 16, 24, 32
Looping	Yes	Yes	Yes
IP Camera Inputs	Up to 8	Up to 8	Up to 24 or 32 depending on system resources (IP Licenses included)
Maximum Record Rate CIF	480 ips NTSC, 400 ips PAL	480 ips NTSC, 400 ips PAL	480 ips NTSC, 400 ips PAL
Maximum Record Rate 2CIF	240 ips NTSC, 200 ips PAL	480 ips NTSC, 400 ips PAL	240 ips NTSC, 200 ips PAL
Maximum Record Rate D1/4CIF	120 ips NTSC, 96 ips PAL (D1)	480 ips NTSC, 400 ips PAL (D1)	120 ips NTSC, 100 ips PAL (4CIF)
Compression Technology	H.264 Main profile	H.264 Main profile	Pelco
Operating System	Embedded Linux	Embedded Linux	Windows XP Embedded
Hard Drive Options, Internal	250 GB - 8 TB	250 GB - 8 TB	250 GB - 8 TB
Storage Optimization	Disk Partitioning	Disk Partitioning	None
Hard Drive Options, External	Yes	Yes	Yes
External Storage Options	Yes - 2 USB (1-eSATA)	Yes - 2 USB (1-eSATA)	DX8100HDDI to 24 TB/third party USB
Optical Disk Drive	DVDRW	DVDRW	DVDRW
RAID Storage	Optional configuration with eSATA	Optional configuration with eSATA	Yes, Optional to 24 TB
Alarm Inputs / Relay Outputs	8 or 16 / 2	8 or 16 / 4	8, 16, 24, 32 / 8, 16, 24
Audio Inputs / Outputs	2 / 2	4 / 2	2 Standard 8, 16, 24, 32 Optional / 1
Audio Listen Capabilities	Bidirectional, over the network	Bidirectional, over the network	Live over network
PTZ Control	Yes	Yes	Coaxitron, RS-422
Third-party Dome Protocols	Yes	Yes	Yes
Front Panel Controls	Yes	Yes	No
Keyboard / Mouse Included	No / Yes	No / Yes	Yes / Yes
IR Remote Control	Yes	Yes	No
Optional Analog KBD Support	Yes	Yes	Yes
Multicasting	No	No	Yes, Layer 2 with optional network hardware
Multilingual Support	Yes	Yes	Yes
System Compatibility	DX Series Client, DS ControlPoint	DX Series Client, DS ControlPoint	DX Series Client, DS ControlPoint
Certification Required	No	No	No
DISPLAY OPTIONS			
Monitor Outputs	1 Main - VGA or BNC; Composite	1 Main - VGA or BNC; Composite	1 Main - VGA; Dual Display - VGA or BNC; Composite BNC - 1 with 8/16; 2 with 24/32
Camera Display	1, 4, 6, 8, 9, 16, 25	1, 4, 6, 8, 9, 16, 25	1, 4, 9, 10, 16, 25, 36, 1+5, 2+8, 1+23
Digital Zoom Live / Playback	No / No	No / No	Yes / Yes
FUNCTION			
Alarm, Motion, Continuous, Scheduled Recording Modes	Yes, including ATM/POS	Yes, including ATM/POS	Yes, including ATM/POS
Increased Record Rate on Alarm/Motion ("Bump on Alarm")	Yes	Yes	Yes
Pre Alarm / Post Alarm	1 Minute / 10 Minutes	1 Minute / 10 Minutes	1 Minute Standard; 15 Minutes with Memory Upgrade / 1 Minute Standard; 15 Minutes with Memory Upgrade
Optional ATM/POS Support	Via RS232 connect and text overlays; or via API Integration	Via RS232 connect and text overlays; or via API Integration	Via RS232 connect and text overlays; or via API Integration
REMOTE CLIENT			
PC Remote Client	Yes	Yes	Yes
View Live	Yes	Yes	Yes
Playback	Yes	Yes	Yes
Email on Alarm	Yes	Yes	Yes
PTZ Control	Yes	Yes	Yes
Remote Administration	Yes	Yes	Yes
Emergency Agent	Yes	Yes	Yes
Web Browser	Live View, PTZ	Live View, PTZ	Live View, PTZ
Windows Support	Microsoft® Windows 2000, Windows XP (SP3), Windows Vista®, or Windows 7 and DirectX® 9.1 (or later)	Microsoft Windows 2000, Windows XP (SP3), Windows Vista, or Windows 7 and DirectX 9.1 (or later)	Windows 7, Vista, XP Pro (with ControlPoint or DX Series Client)