

Pelco Digital Video Recorders Comparison Matrix

	DX4000	DVR5100	DX8100
GENERAL			
Camera Inputs	4	4, 8, 16	8, 16, 24, 32
Looping	Yes	Yes	Yes
Operating System	Linux	Linux	Windows 2000 SP4
Alarm Inputs	4	4, 8, 16	8, 16, 24, 32
Relay Outputs	1	2, 4	8, 16, 24
Audio Inputs	4	2, 4	8, 16, 24, 32
PTZ Control	RS485	Coaxitron, RS422	Coaxitron, RS485
Third-Party Dome Protocols	No	No	Yes
Presets, Patterns & Tours	Yes	Yes	Yes
ATM/POS Support	No	No	Yes
Monitor Outputs	1 VGA, 1 S-Video, 1 Composite; 1 Spot	1 VGA, 1 S-Video, or 1 Composite; 1 Spot	1 XVGA, 1 Analog per each 16 Cameras
Archive Device	USB or CDRW	USB or DVDRW	USB or DVDRW
Front Panel Controls	Yes	Yes	Yes (mouse)
Keyboard Support	No	KBD5000, USB Keyboard for Config	KBD300A
Multi-Language Support	No	Yes	Yes
DISPLAY OPTIONS LIVE			
NTSC/PAL Switchable	Yes	Yes	Yes
Camera Display	1, 4	1, 4, 9, 16	1, 4, 6, 9, 10, 13, 16, 25, 36
Digital Zoom	No	No	Yes
DISPLAY OPTIONS PLAYBACK			
Camera Display	1, 4	1, 4, 9, 16	1, 4, 6, 9, 10, 13, 16, 25, 36
Digital Zoom	No	No	Yes
FUNCTION			
Max Record Rate CIF	120 IPS NTSC, 100 IPS PAL	480 IPS NTSC, 400 IPS PAL	480 IPS NTSC, 400 IPS PAL
Max Record Rate 2CIF	60 IPS NTSC, 50 IPS PAL	480 IPS NTSC, 400 IPS PAL	240 IPS NTSC, 200 IPS PAL
Max Record Rate 4CIF	30 IPS NTSC, 25 IPS PAL	480 IPS NTSC, 400 IPS PAL	120 IPS NTSC, 100 IPS PAL
Alarm, Motion, Continuous, Scheduled Recording Modes	Yes	Yes	Yes, including ATM/POS
Pre-Alarm	Yes, 5 seconds	Yes, 1-1440 min.	Yes, 1 min. standard; 15 mins. w/memory upgrade
Video Motion Detection	Yes	Yes	Yes
Image Authentication	Yes	Yes	Yes
Hard Drive Options - Internal	160GB - 500GB	250GB - 1TB	250GB - 3TB
Hard Drive Options - External	None	None	3.5TB w/ DX9200HDDI
RAID Storage	No	No	Yes, w/ DX9200HDDI RAID 5 with optional Hot Spare
Storage Optimization	None	EnduraStor™	None
REMOTE			
PC Remote Client	Yes	Yes	Yes
View Live	Yes	Yes	Yes
Playback	Yes	Yes	Yes
Email on Alarm	No	Yes	Yes
PTZ Control	Yes	Yes	Yes
Remote Administration	Yes	Yes	Yes
Web Browser	Live View	No	Live View, PTZ
PDA Client	No	No	Live View
SYSTEM COMPATIBILITY			
Endura Certification Required	None	Endura Enabled™	VMX300, X-Portal
	No	No	No