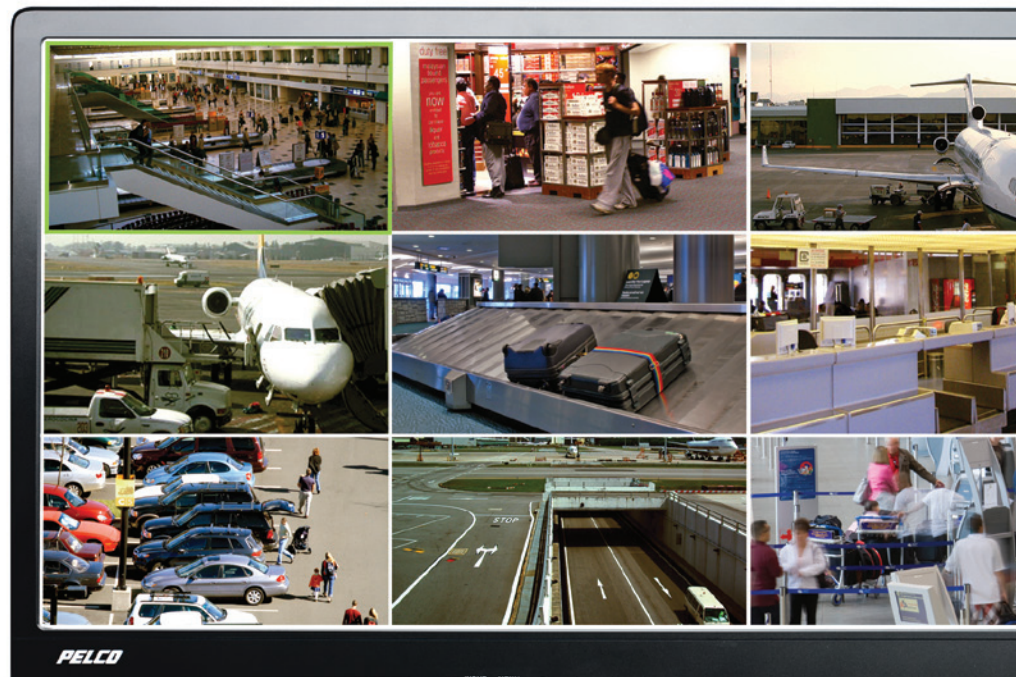


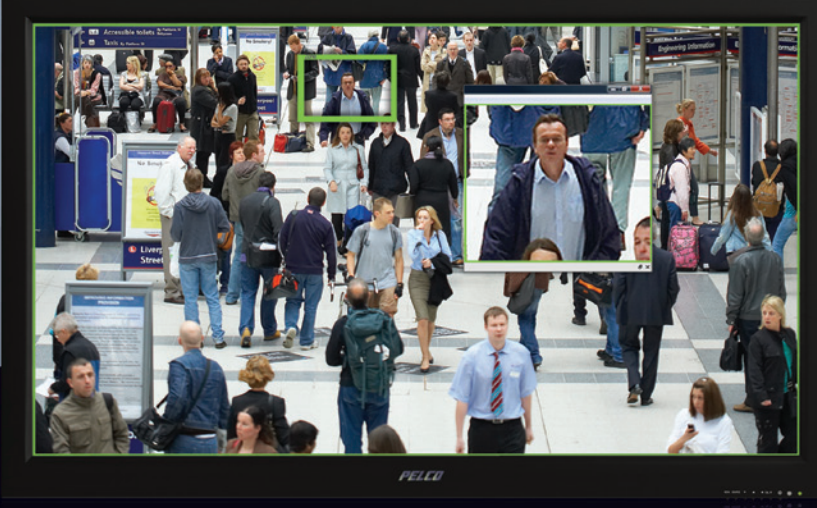


PELCO

by Schneider Electric

▶ Pelco Product Comparison IP Video Solutions





Because customers demand flexibility, all Pelco IP video products are designed with open & integrated solutions in mind.

► For more information, please visit our PartnerFIRST site at www.pelco.com (keyword "partner first")



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As the global leader in the design and development of video and security systems, Pelco produces an unmatched array of IP cameras, HD displays and network video management systems. From end-to-end HD systems to open and integrated solutions, Pelco has an IP video solution to suit your application.

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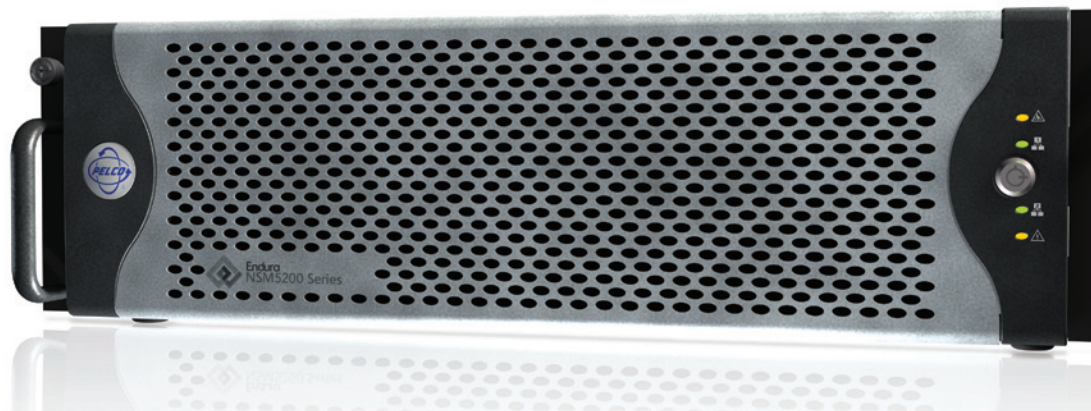
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▶ Features and specifications subject to change without notice.
For the most current version of this guide, please visit www.pelco.com



▶ Network PTZ Cameras

For more than a decade, Spectra has set the benchmark for PTZ performance and reliability. Now Pelco brings that same commitment to Network PTZ cameras, from the flagship 35x Spectra IV SE to Spectra Mini IP and the forthcoming Spectra HD.

| | Spectra Mini IP | Spectra IV SL | Spectra IV SE | |
|--|---|---|---|---|
| |  |  |  |  |
| | SD4* 10x Mini-Dome | SD423* 23xSL (Standard or Environmental) | SD427* 27xSE (Standard or Environmental) | SD427-H* 27xSE Heavy Duty†‡ |
| Imager | 1/4 Inch Interline CCD | 1/4 Inch Exview HAD CCD | 1/4 Inch Exview HAD CCD | 1/4 Inch Exview HAD CCD |
| Processors | 1 | 1 | 1 | 1 |
| Scanning | 2:1 Interlace | 2:1 Interlace | Progressive | Interlaced/Progressive |
| Lens / Zoom | F1.8, 4.2mm - 42mm / 80x Zoom (10x Optical 8x Digital) | F1.6, 3.6 - 82.8mm / 276x Zoom (23x Optical 12x Digital) | F1.4, 3.4 - 98.1mm / 324x Zoom (27x Optical 12x Digital) | F1.4, 3.4 - 98.1mm / 324x Zoom (27x Optical 12x Digital) |
| Field Of View | 5.0° to 46.4° | 2.5° to 54° | 2.3° to 55.8° | 2.3° to 55.8° |
| Day/Night | No | Yes | Yes | Yes |
| Resolution | 470 TVL | 540 TVL | 540 TVL | 540 TVL |
| Digital Slow Shutter (DSS) | No | No | Yes | Yes |
| Sensitivity | 3 lux | 35 IRE: 0.65 lux at 1/60 sec (color), 0.15 lux at 1/60 sec (B-W) | 35 IRE: 0.55 lux at 1/60 sec (color), 0.018 lux at 1/2 sec (color), 0.00018 lux at 1/2 sec (B-W) | 35 IRE: 0.55 lux at 1/60 sec (color), 0.018 lux at 1/2 sec (color), 0.00018 lux at 1/2 sec (B-W) |
| Wide Dynamic Range | No | No | Yes | Yes |
| Proportional Pan/Tilt | Yes | Yes | Yes | Yes |
| Pan/Tilt Features | 360° continuous pan / 92° tilt range / mechanical auto flip | 360° continuous pan / 92° tilt range / mechanical auto flip | 360° continuous pan / 92° tilt range / mechanical auto flip | 360° continuous pan / 92° tilt range / mechanical auto flip |
| Presets / Preset Speed / Patterns | 64 / 140° per sec / 1 | 64 / 400° per sec / 1 | 256 / 400° per sec / 8 | 256 / 400° per sec / 8 |
| Window Blanking | 1 Window Blank | Up to four, four-sided, user-defined shapes. | Up to eight, four-sided, user-defined shapes. | Up to eight, four-sided, user-defined shapes. |
| Auto-tracking | No | No | No | No |
| Motion Detection | No | No | No | Yes |
| Image Stabilization | No | No | No | Yes |
| Image Enhancement | No | No | No | No |
| "Sure Focus" Menu Selection | No | No | Yes | Yes |
| Sodium Light White Balance | No | No | Yes | Yes |
| Alarm Inputs | 1 | 1 | 7 | 7 |
| Relay Outputs | 1 | 1 | 2 | 2 |
| Vandal Resistant | No | No | No | Yes |
| Compression Formats | MPEG-4, M-JPEG | H.264 baseline, MPEG-4, M-JPEG | H.264 baseline, MPEG-4, M-JPEG | H.264 baseline, MPEG-4, M-JPEG |
| Video Resolutions / Frame Rate | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable |
| Audio | bi-directional, full duplex | bi-directional, full duplex | bi-directional, full duplex | bi-directional, full duplex |
| Audio Compression | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s |
| Analog Ports | None | BNC | BNC | BNC |
| USB Expansion Ports | No | No | No | No |
| Analog Data Formats | None | Coaxitron, RS-422 (P & D) | Coaxitron, RS-422 (P & D) | Coaxitron, RS-422 (P & D) |
| Analog Output | No | Yes | Yes | Yes |
| Network Protocols | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) |
| Users | 5 Simultaneous, unlimited using multicast | 20 Simultaneous, unlimited using multicast | 20 Simultaneous, unlimited using multicast | 20 Simultaneous, unlimited using multicast |
| POE | IEEE 802.3af class 3 | No | No | No |
| Power | 18-30 VAC, 24 VAC nominal; 0.75 A, 50/60 Hz nominal | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal |
| Certifications | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC |
| Warranty | 2 Years | 3 years | 3 years | 3 years |

*Click on [B.O.S.S.5.0](#) for complete part numbers.

Network PTZ Cameras Continued >>

▶ Network PTZ Cameras

For more than a decade, Spectra has set the benchmark for PTZ performance and reliability. Now Pelco brings that same commitment to Network PTZ cameras, from the flagship 35x Spectra IV SE to Spectra Mini IP and the forthcoming Spectra HD.

Spectra IV SE



SD427-PSG*
27x SE Stainless Steel†



SD435* 35x SE
(Standard or Environmental)



SD435-H*
35x SE Heavy Duty†‡

| | | | |
|--|--|--|--|
| Imager | 1/4 Inch Exview HAD CCD | 1/4 Inch Exview HAD CCD | 1/4 Inch Exview HAD CCD |
| Processors | 1 | 1 | 1 |
| Scanning | Interlaced/Progressive | Interlaced/Progressive | Interlaced/Progressive |
| Lens / Zoom | F1.4, 3.4-98.1mm / 324x Zoom (27x Optical 12x Digital) | F1.4, 3.4-119mm / 420x Zoom (35x Optical 12x Digital) | F1.4, 3.4-119mm / 420x Zoom (35x Optical 12x Digital) |
| Field Of View | 2.3° to 55.8° | 1.7° to 55.8° | 1.7° to 55.8° |
| Day/Night | Yes | Yes | Yes |
| Resolution | 540 TVL | 540 TVL | 540 TVL |
| Digital Slow Shutter (DSS) | Yes | Yes | Yes |
| Sensitivity | 35 IRE: 0.55 lux at 1/60 sec (color), 0.018 lux at 1/2 sec (color), 0.00018 lux at 1/2 sec (B-W) | 35 IRE: 0.55 lux at 1/60 sec (color), 0.018 lux at 1/2 sec (color), 0.00018 lux at 1/2 sec (B-W) | 35 IRE: 0.55 lux at 1/60 sec (color), 0.018 lux at 1/2 sec (color), 0.00018 lux at 1/2 sec (B-W) |
| Wide Dynamic Range | Yes | Yes | Yes |
| Proportional Pan/Tilt | Yes | Yes | Yes |
| Pan/Tilt Features | 360° continuous pan / 92° tilt range / mechanical auto flip | 360° continuous pan / 92° tilt range / mechanical auto flip | 360° continuous pan / 92° tilt range / mechanical auto flip |
| Presets / Preset Speed / Patterns | 256 / 400° per sec / 8 | 256 / 400° per sec / 8 | 256 / 400° per sec / 8 |
| Window Blanking | Up to eight, four-sided, user-defined shapes. | Up to eight, four-sided, user-defined shapes. | Up to eight, four-sided, user-defined shapes. |
| Auto-tracking | No | No | Yes* |
| Motion Detection | Yes | Yes | Yes |
| Image Stabilization | Yes | Yes | Yes |
| Image Enhancement | No | Yes | Yes |
| "Sure Focus" Menu Selection | Yes | Yes | Yes |
| Sodium Light White Balance | Yes | Yes | Yes |
| Alarm Inputs | 7 | 7 | 7 |
| Relay Outputs | 2 | 2 | 2 |
| Vandal Resistant | No | No | Yes |
| Compression Formats | H.264 baseline, MPEG-4, M-JPEG | H.264 baseline, MPEG-4, M-JPEG | H.264 baseline, MPEG-4, M-JPEG |
| Video Resolutions / Frame Rate | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable |
| Audio | bi-directional, full duplex | bi-directional, full duplex | bi-directional, full duplex |
| Audio Compression | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s |
| Analog Ports | BNC | BNC | BNC |
| USB Expansion Ports | No | No | No |
| Analog Data Formats | Coaxitron, RS-422 (P & D) | Coaxitron, RS-422 (P & D) | Coaxitron, RS-422 (P & D) |
| Analog Output | Yes | Yes | Yes |
| Network Protocols | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, GoS, HTTP, HT TPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, GoS, HTTP, HT TPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, GoS, HTTP, HT TPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) |
| Users | 20 Simultaneous, unlimited using multicast | 20 Simultaneous, unlimited using multicast | 20 Simultaneous, unlimited using multicast |
| POE | No | No | No |
| Power | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal |
| Certifications | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC |
| Warranty | 3 years | 3 years | 3 years |

*Click on [B.O.S.S.5.0](#) for complete part numbers.

Network PTZ Cameras Continued >>

▶ Network PTZ Cameras

For more than a decade, Spectra has set the benchmark for PTZ performance and reliability. Now Pelco brings that same commitment to Network PTZ cameras, from the flagship 35x Spectra IV SE to Spectra Mini IP and the forthcoming Spectra HD.

| | Spectra IV SE | Spectra HD | |
|--|---|---|---|
| |  SD435-PSG* 35x SE Stainless Steel† |  SD4H35* 35x SE Horizon† | |
| |  S5118*1.3MP HD (Standard or Environmental) | | |
| Imager | 1/4 Inch Exview HAD CCD | 1/4 Inch Exview HAD CCD | 1/3 Inch CCD |
| Processors | 1 | 1 | 2 |
| Scanning | Interlaced/Progressive | Interlaced/Progressive | Progressive |
| Lens / Zoom | F1.4, 3.4-119mm / 420x Zoom (35x Optical 12x Digital) | F1.4, 3.4-119mm / 420x Zoom (35x Optical 12x Digital) | F1.6, 4.7-84.6mm / 18x Zoom (optical) |
| Field Of View | 1.7° to 55.8° | 1.7° to 55.8° | 3.2° to 55.2° |
| Day/Night | Yes | Yes | Yes |
| Resolution | 540 TVL | 540 TVL | 1280x960 |
| Digital Slow Shutter (DSS) | Yes | Yes | Yes |
| Sensitivity | 35 IRE: 0.55 lux at 1/60 sec (color), 0.018 lux at 1/2 sec (color), 0.00018 lux at 1/2 sec (B-W) | 35 IRE: 0.55 lux at 1/60 sec (color), 0.018 lux at 1/2 sec (color), 0.00018 lux at 1/2 sec (B-W) | f/1.6, 2850K, SNR>24dB; Color (33 msec)=1.0 lux; Color (250 msec)= 0.125 lux; Mono (33 msec)= 0.5 lux; Mono (250 msec)=0.125 lux |
| Wide Dynamic Range | Yes | Yes | Yes, >50 dB with WDR Off, >75dB with WDR On |
| Proportional Pan/Tilt | Yes | Yes | Yes |
| Pan/Tilt Features | 360° continuous pan / 92° tilt range / mechanical auto flip | 360° continuous pan / 110° tilt range / mechanical auto flip | 360° continuous pan / 92° tilt range / mechanical auto flip |
| Presets / Preset Speed / Patterns | 256 / 400° per sec / 8 | 256 / 400° per sec / 8 | 256 / 400° per sec / 16 |
| Window Blanking | Up to eight, four-sided, user-defined shapes. | Up to eight, four-sided, user-defined shapes. | Up to eight, four-sided, user-defined shapes. |
| Auto-tracking | Yes* | Yes* | Yes |
| Motion Detection | Yes | Yes | Yes |
| Image Stabilization | Yes | Yes | No |
| Image Enhancement | Yes | Yes | N/A |
| "Sure Focus" Menu Selection | Yes | Yes | No |
| Sodium Light White Balance | Yes | Yes | Yes |
| Alarm Inputs | 7 | 7 | accessory coming soon** |
| Relay Outputs | 2 | 2 | accessory coming soon** |
| Vandal Resistant | No | No | No |
| Compression Formats | H.264 baseline, MPEG-4, M-JPEG | H.264 baseline, MPEG-4, M-JPEG | H.264 High Profile, M-JPEG |
| Video Resolutions / Frame Rate | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable | 4CIF, CIF / 25 or 30fps at 4CIF maximum, scalable | SIF, VGA, SVGA, 1280x720, 1280x960, 640x512, 640x352, 480x368, 480x272, 320x256, 320x176 / 25 or 30fps @ 720p, 20fps @ 960p |
| Audio | bi-directional, full duplex | bi-directional, full duplex | accessory coming soon** |
| Audio Compression | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s | G.711 PCM 8 bit, 8kHz mono at 64 kbits/s | N/A |
| Analog Ports | BNC | BNC | None |
| USB Expansion Ports | No | No | Yes |
| Analog Data Formats | Coaxitron, RS-422 (P & D) | Coaxitron, RS-422 (P & D) | N/A |
| Analog Output | Yes | Yes | No |
| Network Protocols | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP) |
| Users | 20 Simultaneous, unlimited using multicast | 20 Simultaneous, unlimited using multicast | 20 Simultaneous, unlimited using multicast |
| POE | No | No | IEEE 802.3af class 3 |
| Power | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal | 18-32VAC (24VAC); 22-27VDC (24VDC); 23VA nominal |
| Certifications | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC | FCC and CE-Class B; UL/cUL Listed; C-Tick, CCC |
| Warranty | 3 years | 3 years | 3 years |

*Click on [B.O.S.S.5.0](#) for complete part numbers.

▶ Network Box Cameras

Sarix is a groundbreaking technology platform built upon the three pillars of innovative imaging science, sophisticated industrial design and advanced processing power. Available across a complete family of fixed box and dome cameras, Sarix technology maximizes the benefits of megapixel performance with industry-leading features and capabilities.

Sarix IX Series



IX50C



IX50DN



IX10C



IX10DN



IXE10C

| | | | | | |
|-----------------------------------|---|---|---|---|---|
| Resolution | 800x600 | 800x600 | 1280x1024 | 1280x1024 | 1280x1024 |
| Image Sensor | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Lens | CS Mount | CS Mount | CS Mount | CS Mount | CS Mount |
| Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus |
| Day/Night | No | Yes | No | Yes | No |
| Illumination | 0.12 lux @f1.2 | 0.03 lux @f1.2 | 0.12 lux @f1.2 | 0.03 lux @f1.2 | 0.12 lux @f1.2 |
| Video Compression | H.264, MPEG4, MJPEG | H.264, MPEG4, MJPEG | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG |
| Max IPS at Max Resolution | 25IPS, 30ips | 25IPS, 30ips | 8ips, 20ips | 8ips, 20ips | 30ips @ 720P |
| Audio | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A |
| Alarm In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out |
| Analytics | Camera Sabatoge | Camera Sabatoge | Camera Sabatoge | Camera Sabatoge | Camera Sabatoge |
| Network Protocols | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) |
| Power | 24VAC | 24VAC | 24VAC | 24VAC | 24VAC |
| PoE | Yes | Yes | Yes | Yes | Yes |
| Video Service Jack | Yes | Yes | Yes | Yes | Yes |
| Pelco System Compatibility | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) |

Sarix IX Series



IXE10DN



IXE20C



IXE20DN



IX30C



IX30DN

| | | | | | |
|-----------------------------------|---|---|---|---|---|
| Resolution | 1280x1024 | 1920x1080 | 1920x1080 | 2048x1536 | 2048x1536 |
| Image Sensor | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Lens | CS Mount | CS Mount | CS Mount | CS Mount | CS Mount |
| Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus |
| Day/Night | Yes | No | Yes | No | Yes |
| Illumination | 0.03 lux @f1.2 | 0.12 lux @f1.2 | 0.03 lux @f1.2 | 0.12 lux @f1.2 | 0.03 lux @f1.2 |
| Video Compression | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG |
| Max IPS at Max Resolution | 30ips @ 720P | 30ips | 30ips | 3ips, 12ips | 3ips, 12ips |
| Audio | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A |
| Alarm In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out |
| Analytics | Camera Sabatoge | Pelco & OV Analytics | Pelco & OV Analytics | Camera Sabatoge | Camera Sabatoge |
| Network Protocols | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) |
| Power | 24VAC | 24VAC | 24VAC | 24VAC | 24VAC |
| PoE | Yes | Yes | Yes | Yes | Yes |
| Video Service Jack | Yes | Yes | Yes | Yes | Yes |
| Pelco System Compatibility | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) |

▶ Network Indoor Dome Cameras

The Sarix ID Series sets a new standard for features and performance in a network dome camera, remarkably easy one-handed installation and innovative Auto Back Focus. Compact, powerful and surprisingly affordable, the IM Series packs the most popular features and functionality of Sarix technology into a discrete and value driven indoor dome enclosure.

Sarix IM Series



IMSOC10-1



IM10C10-1



IM10C10-B1



IDSOC12-1



IDSODN12-1

| | IMSOC10-1 | IM10C10-1 | IM10C10-B1 | IDSOC12-1 | IDSODN12-1 |
|-----------------------------------|---|---|---|---|---|
| Resolution | 800x600 | 1280x1024 | 1280x1024 | 800x600 | 800x600 |
| Image Sensor | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Lens | Integrated 2.8-10mm | Integrated 2.8-10mm | Integrated 2.8-10mm | CS Mount 2.8-12mm | CS Mount 2.8-12mm |
| Focus | Manual | Auto Focus | Auto Focus | Auto Back Focus | Auto Back Focus |
| Day/Night | No | No | No | No | Yes |
| Illumination | 0.12 lux @f1.2 | 0.12 lux @f1.2 | 0.12 lux @f1.2 | 0.12 lux @f1.2 | 0.12 lux @f1.2 |
| Video Compression | H.264, MPEG4, MJPEG | H.264, MJPEG | H.264, MJPEG | H.264, MPEG4, MJPEG | H.264, MPEG4, MJPEG |
| Max IPS at Max Resolution | 25IPS, 30ips | 20IPS, 8ips | 20IPS, 8ips | 25IPS, 30ips | 25IPS, 30ips |
| Audio | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A |
| Alarm In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out |
| Analytics | Camera Sabotage | Camera Sabotage | Camera Sabotage | Camera Sabotage | Camera Sabotage |
| Network Protocols | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) |
| Power | No | No | No | 24VAC | 24VAC |
| PoE | Yes | Yes | Yes | Yes | Yes |
| Video Service Jack | Yes | Yes | Yes | Yes | Yes |
| Pelco System Compatibility | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) |

Sarix ID Series



ID10C8-1



ID10DN8-1



IDE10DN8-1



IDE20DN8-1














ID30DN8-1

| | ID10C8-1 | ID10DN8-1 | IDE10DN8-1 | IDE20DN8-1 | ID30DN8-1 |
|-----------------------------------|---|---|---|---|---|
| Resolution | 1280x1024 | 1280x1024 | 1280x1024 | 1920x1080 | 2048x1536 |
| Image Sensor | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Lens | CS Mount 2.8-8mm Lens | CS Mount 2.8-8mm | CS Mount 2.8-8mm | CS Mount 2.8-8mm | CS Mount 2.8-8mm |
| Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus |
| Day/Night | No | Yes | Yes | Yes | Yes |
| Illumination | 0.12 lux @f1.2 | 0.12 lux @f1.2 | 0.03 lux @f1.2 | 0.03 lux @f1.2 | 0.03 lux @f1.2 |
| Video Compression | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG |
| Max IPS at Max Resolution | 20IPS, 8ips | 20IPS, 8ips | 30ips @ 720P | 30ips | 10IPS, 3ips |
| Audio | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A |
| Alarm In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out |
| Analytics | Camera Sabotage | Camera Sabotage | Pelco & OV Analytics | Pelco & OV Analytics | Camera Sabotage |
| Network Protocols | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, MDNS (Bonjour) |
| Power | 24VAC | 24VAC | 24VAC | 24VAC | 24VAC |
| PoE | Yes | Yes | Yes | Yes | Yes |
| Video Service Jack | Yes | Yes | Yes | Yes | Yes |
| Pelco System Compatibility | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) |

▶ Network Rugged Dome Cameras

The vandal resistant Sarix IE Series Outdoor Network Fixed Dome Camera is the industry's most innovative, easy-to-install, and high-performance all-weather IP-based imaging solution. Camclosure IP adds value to existing IT and security investments, with an open architecture that makes it easy to control via standard web browser, an Endura system, or third-party software.

| | Camclosure IP110 Series | | | | Sarix IE Series | |
|-----------------------------------|--|--|--|--|--|--|
| |  |  |  |  |  |  |
| | IP110-CHV9 | IP110-CWV9 | IP110-DNV9 | IP110-DWV9 | IESOC12-1 | IESODN12-1 |
| Resolution | 768 x 494 (NTSC), 752 x 582 (PAL) | 768 x 494 (NTSC), 752 x 582 (PAL) | 768 x 494 (NTSC), 752 x 582 (PAL) | 768 x 494 (NTSC), 752 x 582 (PAL) | 800x600 | 800x600 |
| Image Sensor | 1/3" CCD | 1/3" CMOS | 1/3" CCD | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Lens | Integrated 3 - 9.5mm | Integrated 3 - 9.5mm | Integrated 3 - 9.5mm | Integrated 3 - 9.5mm | CS Mount 2.8-12mm | CS Mount 2.8-12mm |
| Focus | Manual | Manual | Manual | Manual | Auto Back Focus | Auto Back Focus |
| Day/Night | No | No | Yes | Yes | No | Yes |
| Illumination | 0.3 lux | 0.2 lux | 0.015 lux | 0.02 lux | 0.12 lux @ f1.2 | 0.12 lux @ f1.2 |
| Video Compression | MPEG4, MJPEG | MPEG4, MJPEG | MPEG4, MJPEG | MPEG4, MJPEG | H.264, MPEG4, MJPEG | H.264, MPEG4, MJPEG |
| Max IPS at Max Resolution | 30ips, 15ips | 30ips, 15ips | 30ips, 15ips | 30ips, 15ips | 25IPS, 30ips | 25IPS, 30ips |
| Audio | | | | | Accessory IA-A | Accessory IA-A |
| Alarm In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out |
| Analytics | | | | | Camera Sabatoge | Camera Sabatoge |
| Network Protocols | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMT, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMT, FTP, MDNS (Bonjour) |
| Power | 24VAC | 24VAC | 24VAC | 24VAC | 24VAC | 24VAC |
| PoE | Yes | Yes | Yes | Yes | Yes | Yes |
| Video Service Jack | Yes | Yes | Yes | Yes | Yes | Yes |
| Outdoor Rated | Yes | Yes | Yes | Yes | Yes | Yes |
| Pelco System Compatibility | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) | Endura v1.5 (or later); Digital Sentry v4.2 (or later); DX8100 v2.0 (or later); and DVR5100 v1.54 (or later) |

| | Sarix IE Series | | | | |
|-----------------------------------|--|--|--|--|--|
| |  |  |  |  |  |
| | IE10C8-1 | IE10DN8-1 | IEE10DN8-1 | IEE20DN8-1 | IE30DN8-1 |
| Resolution | 1280x1024 | 1280x1024 | 1280x1024 | 1920x1080 | 2048x1536 |
| Image Sensor | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS | 1/3" CMOS |
| Lens | CS Mount 2.8-8mm Lens | CS Mount 2.8-8mm | CS Mount 2.8-8mm | CS Mount 2.8-8mm | CS Mount 2.8-8mm |
| Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus | Auto Back Focus |
| Day/Night | No | Yes | Yes | Yes | Yes |
| Illumination | 0.12 lux @ f1.2 | 0.12 lux @ f1.2 | 0.03 lux @ f1.2 | 0.03 lux @ f1.2 | 0.03 lux @ f1.2 |
| Video Compression | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG | H.264, MJPEG |
| Max IPS at Max Resolution | 20IPS, 8ips | 20IPS, 8ips | 30ips @ 720P | 30ips | 10IPS, 3ips |
| Audio | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A | Accessory IA-A |
| Alarm In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out | 1In/Out |
| Analytics | Camera Sabatoge | Camera Sabatoge | Pelco & OV Analytic Suites | Pelco & OV Analytic Suites | Camera Sabatoge |
| Network Protocols | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMT, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMT, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMT, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMT, FTP, MDNS (Bonjour) | TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMT, FTP, MDNS (Bonjour) |
| Power | 24VAC | 24VAC | 24VAC | 24VAC | 24VAC |
| PoE | Yes | Yes | Yes | Yes | Yes |
| Video Service Jack | Yes | Yes | Yes | Yes | Yes |
| Outdoor Rated | Yes | Yes | Yes | Yes | Yes |
| Pelco System Compatibility | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) | Endura 2.0 (or later) or Digital Sentry 4.3 (or later) |

LCD Monitors

Pelco offers a complete array of viewing solutions designed for the stringent demands of the video security professional. Whatever your space, budget, style or technology needs, Pelco has the viewing solution for your application, designed to deliver the exceptional performance you expect from the industry leader.



| 200 Series Desktop | | 300 Series Desktop | | 300 Series Widescreen Desktop | |
|---------------------------|---|---|---|-------------------------------|--|
| GENERAL | | | | | |
| Native Resolution | 1280 x 1024 | 1280 x 1024 | 1440 x 900 | | |
| Brightness | 300 nit | 300 nit | 300 nit | | |
| Contrast Ratio | 1000:1 | 1000:1 | 1000:1 | | |
| Response Time | 5 ms | 5 ms | 5 ms | | |
| Panel Life | 50K Hours | 50K Hours | 50K Hours | | |
| Viewing Angle | 160/160 | 160/160 | 160/160 | | |
| Aspect Ratio | 5:4 | 5:4 | 16:10 | | |
| ELECTRICAL | | | | | |
| Power Consumption | <50W | <50W | <50W | | |
| Input Voltage | 100 to 240 VAC, 50/60 Hz | 100 to 240 VAC, 50/60 Hz | 100 to 240 VAC, 50/60 Hz | | |
| Video Input | 1 RGB; 1 DVI | 1 BNC, looping; 1S-Video, looping; 1 RGB; 1 DVI | 1 BNC, looping; 1S-Video, looping; 1 RGB; 1 DVI | | |
| ENVIRONMENTAL | | | | | |
| Operating Temperature | 0 - 40C | 0 - 40C | 0 - 40C | | |
| Operating Humidity | 20% - 80% Non Condensing | 20% - 80% Non Condensing | 20% - 80% Non Condensing | | |
| PHYSICAL | | | | | |
| Unit Weight | 12.6 lbs | 10.8 lbs (17"), 12.6 lbs (19") | 11.9 lbs | | |
| Shipping Weight | 18 lbs | 16 lbs (17"), 18 lbs (19") | 17 lbs | | |
| RECOMMENDED MOUNTS | | | | | |
| Wall Mount | PMCL-WM, PMCL-WMT, PMCL-WM1A, | PMCL-WM, PMCL-WMT, PMCL-WM1A, | PMCL-WM, PMCL-WMT, PMCL-WM1A, | | |
| Ceiling Mount | PMCL-CM, PMCL-CMP | PMCL-CM, PMCL-CMP | PMCL-CM, PMCL-CMP | | |
| Rack Mount | PMCL-19ARM | PMCL-17ARM, PMCL-19ARM | PMCL-19WRM | | |
| Certifications | CE, Class B, FCC, Class B, UL/cUL Listed, C-Tick, S-Mark, CCC | CE, Class B, FCC, Class B, UL/cUL Listed, C-Tick, S-Mark, CCC | CE, Class B, FCC, Class B, UL/cUL Listed, C-Tick, S-Mark, CCC | | |
| Warranty | 3 Years | 3 Years | 3 Years | | |



| 400 Series Desktop | | 500 Series Desktop | | 500 Series Large Format | |
|---------------------------|---|---|--|-------------------------|--|
| GENERAL | | | | | |
| Native Resolution | 1280 x 1024 | 1920 x 1080 | 1920 x 1080 | | |
| Brightness | 450 nit | 250 nit (24") and 450 nit (32") | 500 nit | | |
| Contrast Ratio | 1000:4 | 1000:1 (24") and 5000:1 (32") | 5000:1 (42"), 1300:1 (47"), 4000:1 (52") | | |
| Response Time | 5 ms | 5 ms (24") and 8 ms (32") | 6.5 ms (42"), 5 ms (47"), 8 ms (52") | | |
| Panel Life | 50K Hours | 50K Hours | 50K Hours | | |
| Viewing Angle | 160/160 | 160/160 (24") and 178/178 (32") | 178/178 | | |
| Aspect Ratio | 5:4 | 16:9 | 16:9 | | |
| ELECTRICAL | | | | | |
| Power Consumption | <50W | <33W (24"), <100W (32") | <250W (42"), <350W (47"), <380W (52") | | |
| Input Voltage | 100 to 240 VAC, 50/60 Hz | 100 to 240 VAC, 50/60 Hz | 100 to 240 VAC, 50/60 Hz | | |
| Video Input | 2 BNC, looping; 1S-Video, looping; 1 RGB; 1 DVI | 1 BNC, looping; 1S-Video, looping; 1 RGB; 1 DVI; 1 HDMI | 2 BNC, looping; 1S-Video, looping; 1 RGB; 1 DVI; 1 Component | | |
| ENVIRONMENTAL | | | | | |
| Operating Temperature | 0 - 40C | 0 - 40C | 0 - 40C | | |
| Operating Humidity | 20% - 80% Non Condensing | 20% - 80% Non Condensing | 20% - 80% Non Condensing | | |
| PHYSICAL | | | | | |
| Unit Weight | 10.8 lbs (17"), 12.6 lbs (19") | 18.7 lbs. (24"), 37.5 lbs. (32") | 66.1 lbs (42"), 77.2 lbs (47"), 90.4 lbs (52") | | |
| Shipping Weight | 16 lbs (17") 18 lbs (19") | 26 lbs (24"), 45 lbs (32") | 78 lbs (42"), 91 lbs (47") 104 lbs (52") | | |
| RECOMMENDED MOUNTS | | | | | |
| Wall Mount | PMCL-WM, PMCL-WMT, PMCL-WM1A, | PMCL-WM, PMCL-WMT, PMCL-WM1A | PMCL-WMTF (Tilt), PMCL-WMF (Fixed) | | |
| Ceiling Mount | PMCL-CM, PMCL-CMP | PMCL-CM, PMCL-CMP | PMCL-CM, PMCL-CMP | | |
| Rack Mount | PMCL-17ARM, PMCL-19ARM | NA | NA | | |
| Certifications | CE, Class B, FCC, Class B, UL/cUL Listed, C-Tick, S-Mark, CCC | CE, Class B, FCC, Class B, UL/cUL Listed, C-Tick, S-Mark, CCC, GOST-R, NOM, Energy Star Level 5 Compliant | CE, Class A, FCC, Class A, UL/cUL Listed, C-Tick, CCC | | |
| Warranty | 3 Years | 3 Years | 3 Years | | |

Digital Video Recorders

With support for 4 to 16 analog cameras, 120 to 480 IPS, and storage from 2 to 8 TB, these systems record out of the box, are easy to use, and readily meet entry level CCTV requirements. When requirements expand to IP recording, maximize ROI by using DS Control Point to connect these DVRs to Pelco HVRs.s



GENERAL

| | DX4100 | DX4500 | DX4600 |
|------------------------------|--|---|---|
| Analog Camera Inputs | 4 | 8,16 | 8,16 |
| Looping | Yes | Yes | Yes |
| IP Camera Inputs | None | None | None |
| Maximum Record Rate CIF | 120 ips NTSC, 100 ips PAL | 8-CH: 120 ips NTSC, 100 ips PAL; 16-CH: 240 ips NTSC, 200 ips PAL | 8-CH: 240 ips NTSC, 200 ips PAL; 16-CH: 480 ips NTSC, 400 ips PAL |
| Maximum Record Rate 2CIF | 60 ips NTSC, 50 ips PAL | 8-CH: 60 ips NTSC, 48 ips PAL; 16-CH: 120 ips NTSC, 96 ips PAL | 8-CH: 120 ips NTSC, 100 ips PAL; 16-CH: 240 ips NTSC, 200 ips PAL |
| Maximum Record Rate 4CIF | 30 ips NTSC, 25 ips PAL | 8-CH: 30 ips NTSC, 24 ips PAL; 16-CH: 60 ips NTSC, 48 ips PAL | 8-CH: 60 ips NTSC, 48 ips PAL; 16-CH: 120 ips NTSC, 96 ips PAL |
| Compression Technology | H.264 | MPEG4 | MPEG4 |
| Operating System | Embedded | Embedded | Embedded |
| Hard Drive Options, Internal | 250 GB - 2 TB; 1TB with Optical Disk Drive | 250 GB-2 TB | 250 GB-8 TB |
| Storage Optimization | Yes (Partitioning) | Yes (Partitioning) | Yes (Partitioning) |
| Hard Drive Options, External | No | No | No |
| Third-Party External Storage | No | No | No |
| Standard Optical Disk Drive | None | None | CDRW |
| USB Ports | 1 Front, 2 Rear USB 2.0 | 1 Front, 2 Rear USB 2.0 | 1 Front, 2 Rear USB 2.0 |
| RAID Storage | No | No | No |
| Alarm Inputs / Relay Outputs | 4 / 1 | 8 / 2 | 16 / 4 |
| Audio Inputs / Outputs | 4 / 1 | 2 / 1 | 4 / 1 |
| Audio Listen Capabilities | None | None | None |
| PTZ Control | RS-422 | Coaxitron, RS-422 | Coaxitron, RS-422 |
| Third-Party Dome Protocols | Yes | Yes | Yes |
| Front Panel Controls | Yes | Yes | Yes |
| Keyboard / Mouse Included | No / Yes | No / Yes | No / Yes |
| IR Remote Control | Yes | Yes | Yes |
| Optional Analog KBD Support | No | Yes | Yes |
| Multicasting | No | No | No |
| Multilingual Support | Yes | Yes | Yes |
| System Compatibility | DS Control Point | DS ControlPoint | DS ControlPoint |
| Certification Required | No | No | No |

DISPLAY OPTIONS

| | | | |
|------------------------------|--|-----------------------------|----------------------------|
| Monitor Outputs | 1 Main - VGA or BNC switch-selectable; 1 Spot BNC, Single channel view | 1VGA or 1 Composite; 1 Spot | 1VGA or 1 Composite; 1Spot |
| Camera Display | Main-1,4 | 1,4,6,8,9,16 | 1,4,6,8,9,16 |
| Digital Zoom Live / Playback | No / No | No / Yes | No / Yes |

FUNCTION

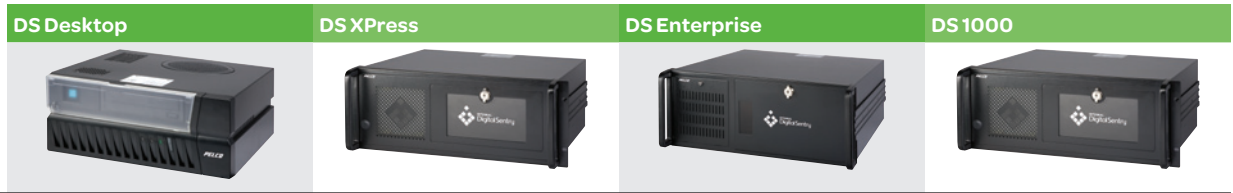
| | | | |
|--|---|---|---|
| Alarm, Motion, Continuous, Scheduled Recording Modes | Yes | Yes | Yes |
| Increased Record Rate on Alarm/ Motion ("Bump on Alarm") | Yes | Yes | Yes |
| Pre-Alarm / Post-Alarm | Off, 5, 10, 20, 30, 40, 50, 60 Sec / 10, 20, 30, 40, 50 Sec, 1, 2, 3, 5, 10 Min | Off, 5, 10, 20, 30, 40, 50, 60 Sec / 10, 20, 30, 40, 50 Sec, 1, 2, 3, 5, 10 Min | Off, 5, 10, 20, 30, 40, 50, 60 Sec / 10, 20, 30, 40, 50 Sec, 1, 2, 3, 5, 10 Min |
| Optional ATM/POS Support | via API Integration | via API Integration | via API Integration |
| Video Analytics | No | No | No |
| Easy Evidence | No | No | No |
| WatchDog | No | Yes | Yes |

REMOTE

| | | | |
|------------------------|---|---|---|
| PC Remote Client | Yes | Yes | Yes |
| View Live | Yes | Yes | Yes |
| Playback | Yes | Yes | Yes |
| E-mail on Alarm | Yes | Yes | Yes |
| PTZ Control | Yes | Yes | Yes |
| Remote Administration | Yes | Yes | Yes |
| PDA Client | No | No | No |
| Emergency Agent | Yes | Yes | Yes |
| Web Browser | Live View | Live View | Live View |
| Vista, Windows Support | Windows 7, All Vista versions via Control Point | Windows 7, All Vista versions via Control Point | Windows 7, All Vista versions via Control Point |

► Hybrid Video Recorders

Pelco HVRs support from 4 to as many as 64 analog and network IP cameras including a wide-range of 3rd party IP cameras. With an open architecture these robust systems best match the needs of security professionals who are migrating from analog to IP recording. All DS HVRs support both SD and HD IP cameras. DX8100 supports SD recording.



GENERAL

| | | | | |
|------------------------------|--|--|--|--|
| Analog Camera Inputs | 4, 9, 16 | 16, 32, 64, 128 | up to 640 | 16, 32 |
| Looping | No | Yes (optional) | Yes (optional) | No |
| IP Camera Inputs | Up to 16 (optional) 3rd party fixed, ptz and megapixel | Up to 16 (optional) 3rd party fixed, ptz and megapixel | Up to 16 (optional) 3rd party fixed, ptz and megapixel | Up to 16 (optional) 3rd party fixed, ptz and megapixel |
| Maximum Record Rate CIF | 120ips NTSC 100 ips PAL | 480 ips NTSC 400 ips PAL | 480 ips NTSC 400 ips PAL | 160 ips NTSC 130 ips PAL |
| Maximum Record Rate 2CIF | 60ips NTSC 50 ips PAL | 240 ips NTSC 200 ips PAL | 240 ips NTSC 200 ips PAL | N/A |
| Maximum Record Rate 4CIF | 30ips NTSC 25 ips PAL | 120 ips NTSC 100 ips PAL | 120 ips NTSC 100 ips PAL | N/A |
| Compression Technology | Integral Engineered (iVEX) | Integral Engineered (iVEX) | Integral Engineered (iVEX) | MPEG-4 |
| Operating System | Windows XP PRO | Windows XP PRO | Windows XP PRO | Windows XP PRO |
| Hard Drive Options, Internal | 2 TB | 4 TB | 8 TB | 4 TB |
| Storage Optimization | Archive Utility | Archive Utility | Archive Utility | Archive Utility |
| Hard Drive Options, External | Yes | Yes | No | Yes |
| Third-Party External Storage | Yes | Yes | Yes | Yes |
| Standard Optical Disk Drive | DVDRW | DVDRW | DVDRW | DVDRW |
| USB Ports | 0 Front, 6 Back USB 2.0 | 2 Front USB 2.0, 4 Back USB 2.0 | 2 Front USB 2.0, 4 Back USB 2.0 | 2 Front USB 2.0, 6 Back USB 2.0 |
| RAID Storage | No | Yes | Yes | Yes |
| Alarm Inputs / Relay Outputs | 15/1 | 15/1 | 15/1 | 15/1 |
| Audio Inputs / Outputs | 4 / 1 | 4 / 1 | 4 / 1 | 16 / 1 |
| Audio Listen Capabilities | Live over network | Live over network | Live over network | Live over network |
| PTZ Control | RS-422 / 232 | RS-422 / 232 | RS-422 / 232 | RS-422 / 232 |
| Third-Party Dome Protocols | Yes | Yes | Yes | Yes |
| Front Panel Controls | EasyEvidence | EasyEvidence | EasyEvidence | EasyEvidence |
| Keyboard / Mouse Included | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |
| IR Remote Control | No | No | No | No |
| Optional Analog KBD Support | Yes | Yes | Yes | Yes |
| Multicasting | No | No | No | No |
| Multilingual Support | Yes | Yes | Yes | Yes |
| System Compatibility | DS ControlPoint, Archive Utility, DS DataPoint | DS ControlPoint, Archive Utility, DS DataPoint | DS ControlPoint, Archive Utility, DS DataPoint | DS ControlPoint, Archive Utility, DS DataPoint |
| Certification Required | Yes | Yes | Yes | Yes |

DISPLAY OPTIONS

| | | | | |
|------------------------------|---------------------|------------------------|------------------------|---------------------|
| Monitor Outputs | 1VGA; 1 Composite | 1VGA; 1 to 4 Composite | 1VGA; 1 to 4 Composite | 1VGA |
| Camera Display | 1, 4, 9, 16, 25, 36 | 1, 4, 9, 16, 25, 36 | 1, 4, 9, 16, 25, 36 | 1, 4, 9, 16, 25, 36 |
| Digital Zoom Live / Playback | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |

FUNCTION

| | | | | |
|--|------------------------|------------------------|------------------------|------------------------|
| Alarm, Motion, Continuous, Scheduled Recording Modes | Yes | Yes | Yes | Yes |
| Increased Record Rate on Alarm/ Motion (Bump on Alarm) | Yes | Yes | Yes | Yes |
| Pre-Alarm / Post-Alarm | 5 Minutes / 16 Minutes | 5 Minutes / 16 Minutes | 5 Minutes / 16 Minutes | 5 Minutes / 16 Minutes |
| Optional ATM/POS Support | Yes | Yes | Yes | Yes |
| Video Analytics | Up to 4 (Optional) | Up to 4 (Optional) | Up to 4 (Optional) | No |
| Easy Evidence | Yes | Yes | No | Yes |
| WatchDog | Yes | Yes | Yes | Yes |

REMOTE

| | | | | |
|------------------------|-----|-----|-----|-----|
| PC Remote Client | Yes | Yes | Yes | Yes |
| View Live | Yes | Yes | Yes | Yes |
| Playback | Yes | Yes | Yes | Yes |
| E-mail on Alarm | Yes | Yes | Yes | Yes |
| PTZ Control | Yes | Yes | Yes | Yes |
| Remote Administration | Yes | Yes | Yes | Yes |
| PDA Client | No | No | No | No |
| Emergency Agent | No | No | No | No |
| Web Browser | No | No | No | No |
| Vista, Windows Support | Yes | Yes | Yes | Yes |

Hybrid Video Recorders Continued >>

► Hybrid Video Recorders

Pelco HVRs support from 4 to as many as 64 analog and network IP cameras including a wide-range of 3rd party IP cameras. With an open architecture these robust systems best match the needs of security professionals who are migrating from analog to IP recording. All DS HVRs support both SD and HD IP cameras. DX8100 supports SD recording.



GENERAL

| | DX8100 | DS RealVue Desktop | DS RealVue XPress | DS RealVue RAID |
|------------------------------|---|--|--|--|
| Analog Camera Inputs | 8, 16, 24, 32 | 4, 8, 16 | 8, 16, 32 | 8, 16, 32 |
| Looping | Yes | No | No | Yes (Optional) |
| IP Camera Inputs | Up to 24 or 32 depends on available resources | Up to 16 (optional) 3rd party fixed, ptz and megapixel | Up to 16 (optional) 3rd party fixed, ptz and megapixel | Up to 16 (optional) 3rd party fixed, ptz and megapixel |
| Maximum Record Rate CIF | 480 ips NTSC, 400 ips PAL | 480 ips NTSC 400 ips PAL | 960 ips NTSC 800 ips PAL | 960 ips NTSC 800 ips PAL |
| Maximum Record Rate 2CIF | 240 ips NTSC, 200 ips PAL | 480 ips NTSC 400 ips PAL | 960 ips NTSC 800 ips PAL | 960 ips NTSC 800 ips PAL |
| Maximum Record Rate 4CIF | 120 ips NTSC, 100 ips PAL | 480 ips NTSC 400 ips PAL | 960 ips NTSC 800 ips PAL | 960 ips NTSC 800 ips PAL |
| Compression Technology | Pelco | MPEG-4 | MPEG-4 | MPEG-4 |
| Operating System | Windows®XP Embedded | Windows XP PRO | Windows XP PRO | Windows XP PRO |
| Hard Drive Options, Internal | 250 GB-8 TB | 2 TB | 4 TB | Up to 4TB RAID 10; Up to 6TB RAID 5; 250GB x 2 RAID 1 |
| Storage Optimization | None | Archive Utility | Archive Utility | Archive Utility |
| Hard Drive Options, External | Yes | No | Yes | Yes |
| Third-Party External Storage | Yes - USB | Yes | Yes | Yes |
| Standard Optical Disk Drive | DVDRW | DVDRW | DVDRW | DVDRW |
| USB Ports | 2 Front, 4 Rear USB 2.0 | 0 Front USB 2.0, 6 Back USB 2.0 | 2 Front USB 2.0, 4 Back USB 2.0 | 2 Front USB 2.0, 4 Back USB 2.0 |
| RAID Storage | Yes | No | Yes | Yes |
| Alarm Inputs / Relay Outputs | 8, 16, 24, 32 / 8, 16, 24 | 15 / 1 | 15 / 1 | 15 / 1 |
| Audio Inputs / Outputs | 2 Standard 8, 16, 24, 32 Optional / 1 | 16 / 1 | 16 / 1 | 32 / 1 |
| Audio Listen Capabilities | Live over network | Live over network | Live over network | Live over network |
| PTZ Control | Coaxitron, RS-422 | RS-422 / 232 | RS-422 / 232 | RS-422 / 232 |
| Third-Party Dome Protocols | Yes | Yes | Yes | Yes |
| Front Panel Controls | No | EasyEvidence | EasyEvidence | EasyEvidence |
| Keyboard / Mouse Included | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |
| IR Remote Control | No | No | No | No |
| Optional Analog KBD Support | Yes | Yes | Yes | Yes |
| Multicasting | Yes, Layer 2 | No | No | No |
| Multilingual Support | Yes | Yes | Yes | Yes |
| System Compatibility | DS ControlPoint | DS ControlPoint, Archive Utility, DS DataPoint | DS ControlPoint, Archive Utility, DS DataPoint | DS ControlPoint, Archive Utility, DS DataPoint |
| Certification Required | No | Yes | Yes | Yes |

DISPLAY OPTIONS

| | DX8100 | DS RealVue Desktop | DS RealVue XPress | DS RealVue RAID |
|------------------------------|--|-------------------------|-------------------------|-------------------------|
| Monitor Outputs | 1 Main - VGA; Dual Display - VGA or BNC; Composite BNC - 1 with 8/16; 2 with 24/32 | 1 VGA; 1 to 2 Composite | 1 VGA; 1 to 4 Composite | 1 VGA; 1 to 4 Composite |
| Camera Display | 1, 4, 9, 10, 16, 25, 36, 1+5, 2+8, 1+23 | 1, 4, 9, 16, 25, 36 | 1, 4, 9, 16, 25, 36 | 1, 4, 9, 16, 25, 36 |
| Digital Zoom Live / Playback | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |

FUNCTION

| | DX8100 | DS RealVue Desktop | DS RealVue XPress | DS RealVue RAID |
|--|---|------------------------|------------------------|------------------------|
| Alarm, Motion, Continuous, Scheduled Recording Modes | Yes, including ATM/POS | Yes | Yes | Yes |
| Increased Record Rate on Alarm/ Motion (Bump on Alarm) | Yes | Yes | Yes | Yes |
| Pre-Alarm / Post-Alarm | 1 Minute Standard; 15 Minutes with Memory Upgrade / 1 Minute Standard; 15 Minutes with Memory Upgrade | 5 Minutes / 16 Minutes | 5 Minutes / 16 Minutes | 5 Minutes / 16 Minutes |
| Optional ATM/POS Support | Via RS232 connect & text overlays; or via API Integration | Yes | Yes | Yes |
| Video Analytics | 3rd Party | Up to 4 (Optional) | Up to 4 (Optional) | Up to 4 (Optional) |
| Easy Evidence | No | Yes | Yes | Yes |
| WatchDog | Yes | Yes | Yes | Yes |

REMOTE

| | DX8100 | DS RealVue Desktop | DS RealVue XPress | DS RealVue RAID |
|------------------------|---|--------------------|-------------------|-----------------|
| PC Remote Client | Yes | Yes | Yes | Yes |
| View Live | Yes | Yes | Yes | Yes |
| Playback | Yes | Yes | Yes | Yes |
| E-mail on Alarm | Yes | Yes | Yes | Yes |
| PTZ Control | Yes | Yes | Yes | Yes |
| Remote Administration | Yes | Yes | Yes | Yes |
| PDA Client | Live View | No | No | No |
| Emergency Agent | Yes | No | No | No |
| Web Browser | Live View, PTZ | No | No | No |
| Vista, Windows Support | Windows 7, All Vista versions via Control Point | Yes | Yes | Yes |

Network Video Recording & Management Solutions

DS-NVR is ideal for needs up to 32 IP cameras; Endura XPress is suitable to 64 network cameras; and Endura 2.1 has unlimited capacity for cameras, storage, and provides system redundancy. This product group meets the needs for small to extensive enterprise requirements.



GENERAL

| | DS NVR | EnduraXpress | Endura 2.1 |
|------------------------------|--|---|--------------------------------|
| Analog Camera Inputs | 4, 16, 32 | Encoder Required | Encoder Required |
| Looping | N/A | Yes | Yes |
| IP Camera Inputs | 4, 16, 32 3rd party fixed, ptz and megapixel | 32 or 64 Pelco Fixed or PTZ | Unlimited Pelco Fixed or PTZ |
| Maximum Record Rate CIF | 960 ips NTSC 800 ips PAL | 250Mbps | Unlimited Pelco Fixed or PTZ |
| Maximum Record Rate 2CIF | 960 ips NTSC 800 ips PAL | 250Mbps | Unlimited Pelco Fixed or PTZ |
| Maximum Record Rate 4CIF | 960 ips NTSC 800 ips PAL | 250Mbps | Unlimited Pelco Fixed or PTZ |
| Compression Technology | Camera Specific MPEG - 4, H.264, MJPEG | MPEG4 & H.264 | MPEG4 & H.264 |
| Operating System | Windows XP PRO | Embedded Linux® on Compact Flash | Embedded Linux® & Windows |
| Hard Drive Options, Internal | 4 TB | 3 TB - 24TB | Unlimited |
| Storage Optimization | Archive Utility | EnduraStor | EnduraStor |
| Hard Drive Options, External | No | No | No |
| Third-Party External Storage | Yes | Fiber | Fiber |
| Standard Optical Disk Drive | DVDRW | User Supplied PC | CD/DVDRW WS5070 |
| USB Ports | 2 Front USB 2.0, 6 Back USB 2.0 | User Supplied PC | 1 front, 6 rear USB 2.0 WS5070 |
| RAID Storage | Yes | Yes | Yes |
| Alarm Inputs / Relay Outputs | N/A / N/A | See Encoder/Camera / See Encoder/Camera | Unlimited / Unlimited |
| Audio Inputs / Outputs | No / No | See Encoder/Camera / See Encoder/Camera | Unlimited / Unlimited |
| Audio Listen Capabilities | None | Live over network | Live over network |
| PTZ Control | IP PTZ Cams | Coaxitron, RS-422 | Coaxitron, RS-422 |
| Third-Party Dome Protocols | Yes | Yes | Yes |
| Front Panel Controls | No | No | No |
| Keyboard / Mouse Included | Yes / Yes | Yes / Yes | Yes / Yes |
| IR Remote Control | No | No | No |
| Optional Analog KBD Support | Yes | Yes | Yes |
| Multicasting | No | Yes | Yes |
| Multilingual Support | Yes | Yes | Yes |
| System Compatibility | DS ControlPoint, Archive Utility, DS DataPoint | Endura | Endura |
| Certification Required | No | No | Yes |

DISPLAY OPTIONS

| | DS NVR | EnduraXpress | Endura 2.1 |
|------------------------------|---------------------|---|---|
| Monitor Outputs | 1 VGA | Unlimited DVI/VGA/S-Video w/Decoders/WS5070/VCD | Unlimited DVI/VGA/S-Video w/Decoders/WS5070/VCD |
| Camera Display | 1, 4, 9, 16, 25, 36 | 1, 4, 9, 16 Per Monitor | 1, 4, 9, 16 Per Monitor |
| Digital Zoom Live / Playback | Yes / Yes | Yes / Yes | Yes / Yes |

FUNCTION

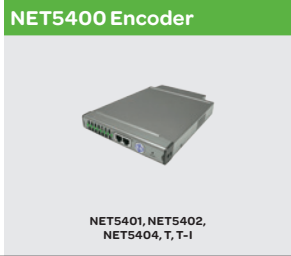
| | DS NVR | EnduraXpress | Endura 2.1 |
|---|------------------------|---|---|
| Alarm, Motion, Continuous, Scheduled Recording Modes | Yes | Yes | Yes |
| Increased Record Rate on Alarm/Motion (Bump on Alarm) | 5 Minutes / 16 Minutes | Yes with Endura Stor | Yes with Endura Stor |
| Pre-Alarm / Post-Alarm | Yes | 1 Minute - 999 minute / 1 Minute - 999 minute | 1 Minute - 999 minute / 1 Minute - 999 minute |
| Optional ATM/POS Support | Up to 4 (Optional) | ASCII | ASCII |
| Video Analytics | No | Yes | Yes |
| Easy Evidence | N/A | Yes | Yes |
| Watchdog | Yes | Yes | Yes |

REMOTE

| | DS NVR | EnduraXpress | Endura 2.1 |
|-----------------------|-------------|--------------|------------|
| PC Remote Client | Yes | Yes | Yes |
| View Live | Yes | Yes | Yes |
| Playback | Yes | Yes | Yes |
| E-mail on Alarm | IP PTZ Cams | Yes | Yes |
| PTZ Control | Yes | Yes | Yes |
| Remote Administration | No | Yes | Yes |
| PDA Client | No | No | No |
| Emergency Agent | No | No | No |
| Web Browser | Yes | Gateway | Gateway |
| Vista Compliant | No | Yes | Yes |

▶ Network Video Encoders

This family of H.264 network video encoders provide high performance, single- to multi-channel video encoding, integrating analog cameras and positioning systems into an IP video surveillance system.

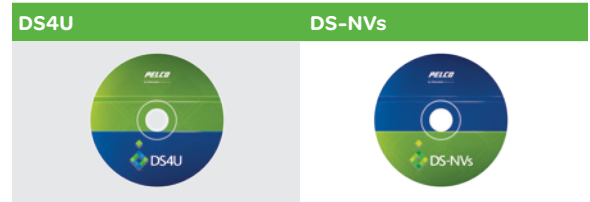


| | |
|------------------------------------|---|
| Video Resolutions | 4CIF, 2CIF, CIF, QCIF |
| Frame Rate | 25/30fps at 4CIF maximum, scalable |
| Motion Detection | Yes |
| Image Stabilization | Analytic |
| Alarm Inputs | 3 |
| Relay Outputs | 1 |
| Onboard Memory | User Supplied Micro SD |
| Operating Temperature Range | Minimum of 32°F (0°C), Maximum 122°F (*50°C) |
| Compression Formats | MPEG-4, M-JPEG, H.264 |
| Data Rate | 20 Kbps – 6 Mbps (2 Mbps per stream X3) |
| Video Streams | 3 |
| Audio | Two-way, full or half duplex |
| Analog Data Formats | No |
| Analog Output | Looping on single and dual channel |
| Network Protocols | TCP/IP, UDP/IP (Unicast, multicast IGMP), UPnP, DNS, DHCP, RTP, NTP |
| Encryption | Yes |
| Latency | 117ms - MPEG-4 |
| Web Browser Access | Pelco Device Utility - Requires JRE |
| Open Architecture | Yes - API Available |
| Users | 10 Simultaneous, unlimited using multicast |
| POE | IEEE 802.3af class 3 on single channel |
| Power | 18-30 VAC, 24 VAC nominal; 0.75 A, 50/60 Hz nominal |
| Pelco System Compatibility | DVR5100, DX8100, Endura, DS |
| Warranty | 3 Years |



▶ Video Management Software

This software only solution is ideal when the preference is for corporate hardware, maximizing existing purchase and support agreements. All Digital Sentry products support a wide range of 3rd party IP cameras and are ideally suited for security applications from 1 to 64 SD and HD IP cameras.



| | DS4U | DS-NVs |
|---|---|---|
| Maximum IP Channels Supported | 4 | 64 |
| # IP Brands / Models Supported | 1 (Pelco Only) / 17 | 15 / Over 117* |
| Supported Video Appliances | Intransa, Pivot3 | Intransa, Pivot3 |
| Base License Fee Applies | N/A | ✓ |
| Camera License Fees Apply | N/A | ✓ |
| Annual Maintenance Fees | None | None |
| Megapixel Support | ✓ | ✓ |
| Maximum # of Clients | Unlimited | Unlimited |
| H.264 Support | ✓ | ✓ |
| MPEG-4 Support | ✓ | ✓ |
| MJPEG Support | ✓ | ✓ |
| Quick Setup | ✓ | ✓ |
| Upgradable | ✓ | N/A |
| Export Formats | H.264, MPEG4, MPEG, JPEG, AVI, Native DB | H.264, MPEG4, MPEG, JPEG, AVI, Native DB |
| Analog Joystick/Keyboard Support | KBD300A | KBD300A |
| Multiple Viewing Panes via Monitor Tear Off Tabs | ✓ | ✓ |
| Alarm Pop-up Notifications | ✓ | ✓ |
| Search Tools | Date/Time/Events/Motion/Scrub Bar/POS/Analytics | Date/Time/Events/Motion/Scrub Bar/POS/Analytics |
| Transaction Support | via Data Connex † | via Data Connex † |
| Analytics Support | Third Party † | Third Party † |
| # Preset Positions Per Camera | Up to Camera Limit | Up to Camera Limit |
| Preset Tours | ✓ | ✓ |
| Archive Video Recording | via Archive Utility † | via Archive Utility † |
| 3rd Party Integrations *** | ✓ | ✓ |
| Published API/SDK | ✓ | ✓ |
| Certification Required | No | No |
| Free Software Updates | Yes | Yes |
| Compatibility via Control Point | Pelco DX Series 4100, 4500, 4600, 8100 Pelco DVX Master Control Series | Pelco DX Series 4100, 4500, 4600, 8100 Pelco DVX Master Control Series |

*IP Brands include, but are not limited to: ACTI, Arecont, Axis (Cameras/Encoders), Bosch, Canon, Grandeye, IPX, iQinVision, JVC, NetBotz, Panasonic, Pelco (Cameras/Encoders), Sony (Cameras/Encoders), Vivotek
† Optional Product

▶ Imaging & Head-End Compatibility Chart

| | DVR5100 | Digital Sentry | DX8100 | DVR5300 | NVR5100 | Endura | EnduraXpress |
|------------------------------------|---------|----------------|--------|---------|---------|--------|--------------|
| NETWORK PTZ CAMERAS | | | | | | | |
| Spectra IV IP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Spectra Mini IP | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Spectra IV IP H.264 | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* | ✓* |
| Spectra HD | | ✓* | | | | ✓* | ✓* |
| NETWORK BOX CAMERAS | | | | | | | |
| Sarix IX IXS0 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Sarix IX IX10 | | ✓ | | | | ✓ | ✓ |
| Sarix IX IX30 | | ✓ | | | | ✓ | ✓ |
| Sarix IX IXE10 | | ✓ | | | | ✓ | ✓ |
| Sarix IX IXE20 | | ✓ | | | | ✓ | ✓ |
| IP3701 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| NETWORK INDOOR DOME CAMERAS | | | | | | | |
| Sarix IM IMS0 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| Sarix IM IM10 | | ✓ | | | | ✓ | ✓ |
| Sarix ID IDSO | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| Sarix ID ID10 | | ✓ | | | | ✓ | ✓ |
| Sarix ID ID30 | | ✓ | | | | ✓ | ✓ |
| Sarix ID IDE10 | | ✓ | | | | ✓ | ✓ |
| Sarix ID IDE20 | | ✓ | | | | ✓ | ✓ |
| NETWORK RUGGED DOME CAMERAS | | | | | | | |
| Sarix IE IES0 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| Sarix IE IE10 | | ✓ | | | | ✓ | ✓ |
| Sarix IE IEE10 | | ✓ | | | | ✓ | ✓ |
| Sarix IE IEE20 | | ✓ | | | | ✓ | ✓ |
| Sarix IE IE30 | | ✓ | | | | ✓ | ✓ |
| IP110 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| NETWORK VIDEO ENCODERS | | | | | | | |
| NET5301T | | ✓ | | ✓ | ✓ | ✓ | ✓ |
| NET5308T | | ✓ | | ✓ | ✓ | ✓ | ✓ |
| NET5401T | | ✓ | | | | ✓ | ✓ |
| NET5402T | | ✓ | | | | ✓ | ✓ |
| NET5404T | | ✓ | | | | ✓ | ✓ |

* Upon Release **Note:** This chart is subject to change. Support for new devices may first appear in product release notes and/or product documentation.



Note: All Pelco LCD Monitors are compatible with above products.