




## Network PTZ cameras

With industry-defining features designed and engineered to secure what's most important, the Spectra™ family of high-speed, network-based dome positioning camera systems continues to set the benchmark for performance and reliability.

	Spectra Mini IP	Spectra IV SL	Spectra IV SE
	 <b>SD4* 10x Mini-Dome</b>	 <b>SD423* 23x SL (Standard or Environmental†)</b>	 <b>SD427* 27x SE (Standard or Environmental†)</b>
Imager	1/4 Inch Interline CCD	1/4 Inch Exview HAD CCD	1/4 Inch Exview HAD CCD
Processors	1	1	1
Scanning	2:1 Interlace	2:1 Interlace	Progressive
Lens / Zoom	F1.8, 4.2 mm - 42 mm / 80x Zoom (10x Optical 8x Digital)	F1.6, 3.6 - 82.8 mm / 276x Zoom (23x Optical 12x Digital)	F1.4, 3.4 - 98.1 mm / 324x Zoom (27x Optical 12x Digital)
Field Of View	5.0° to 46.4°	2.5° to 54°	2.3° to 55.8°
Day/Night	No	Yes	Yes
Resolution	470 TVL	540 TVL	540 TVL
Digital Slow Shutter (DSS)	No	No	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)
Wide Dynamic Range	No	No	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	64 / 140° per sec / 1	64 / 400° per sec / 1	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
Auto tracking	No	No	Yes
Motion Detection	No	No	Yes
Image Stabilization	No	No	No
Image Enhancement	No	No	No
Sure Focus Menu Selection	No	No	Yes
Sodium Light White Balance	No	No	Yes
Alarm Inputs	1	1	7
Relay Outputs	1	1	2
Compression Formats	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 30 fps at 4CIF maximum, scalable	4CIF, CIF / 25 or 30 fps at 4CIF maximum, scalable	4CIF, CIF / 25 or 30 fps at 4CIF maximum, scalable
Audio	No	No	No
Audio Compression	No	No	No
USB Expansion Ports	No	No	No
Analog Data Formats	None	Coaxitron™, RS-422 (P & D)	Coaxitron, RS-422 (P & D)
Analog Output	No	Yes, BNC	Yes, BNC
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)
Users	5 Simultaneous, unlimited using Multicast	20 Simultaneous, unlimited using Multicast	20 Simultaneous, unlimited using Multicast
POE	IEEE 802.3af class 3	No	No
Power	18 - 30 VAC, 24 VAC nominal; 0.75 A, 50/60 Hz nominal	18 - 32 VAC (24 VAC); 22 - 27 VDC (24 VDC); 23 VA nominal	18 - 32 VAC (24 VAC); 22 - 27 VDC (24 VDC); 23 VA 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	2 Years	3 Years	3 Years