

IP Cameras Quick Guide



BOSCH

Invented for life

Bosch IP Cameras		General Purpose		High Resolution/High Performance				Megapixel Resolution	
									
		NWC-0455	NWD-455	NWC-0495	NWD-495	100 Series	500i Series	NWC-0700/0800	NWC-0900
Camera Information	Camera Type	Fixed Camera	Fixed Mini Dome	Fixed Camera	Fixed Mini Dome	Fixed D/N Dome	High-speed PTZ Dome	Fixed Color Megapixel	Fixed D/N Megapixel
	Camera Options	High Resolution Color	High Resolution Color	High Performance D/N	High Performance D/N	High Performance WDR High Performance D/N	18x/26x/36x D/N	2.0 MP (NWC-0700) 3.1 MP (NWC-0800)	3.1 MP Color/1.3 MP Mono
Imaging	Image Sensor Type	1/3" Interline CCD	1/3" Interline CCD	1/3" Interline CCD	1/3" Interline CCD	1/3" Interline CCD	1/4" CCD	1/2" CMOS	1/2" CMOS
	Day/Night	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
	IR Sensitive	No	No	Yes	Yes	Yes	Yes	No	Yes
	Dynamic Range (WDR)	60 dB	60 dB	90 dB	90 dB	90 dB	No	60 dB	60 dB
	Pan/Tilt/Zoom	No	No	Yes	No	No	360° continuous/107°/ 12X digital zoom	Digital PTZ	Digital PTZ
	Intelligent Video Analytics (IVA)**	Yes	Yes	Yes	Yes	No	No	No	No
	Tamper Detection	Yes	Yes	Yes	Yes	No	No	No	No
	Video Motion Detection	Yes	Yes	Yes (Multizone)	Yes (Multizone)	No	Yes	Yes (programmable mask)	Yes (programmable mask)
	Backlight Compensation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Auto Black	Yes	Yes	Yes	Yes	Yes	No	No	No
Sensitivity (lux)	Lens	C/CS	2.6 to 6 mm F/1.4 3.7 to 12 mm F/1.6 9.0 to 22 mm F/1.4	CS	3 to 9 mm F/1.4 9.0 to 22 mm F/1.4	2.7 to 13.5 mm F/1.4 5 to 50 mm F/1.6	18X Zoom (4.1 to 73.8 mm) F/1.4	C/CS	C/CS
	Minimum Illumination (day mode)	0.3 F1.2	0.44 (2.6 to 6 mm) 0.38 (3.7 to 12 mm)	0.024* F1.2	0.032*	0.029* (2.7 to 13.5 mm) 0.042* (5 to 50 mm)	.0041*	0.5 (F1.4) - 2.0 MP 1.0 (F1.4) - 3.1 MP	1.0 (F1.4)
IP Streaming	Extended Sensitivity (night mode)	0.12	0.18 (2.6 to 6 mm) 0.23 (3.7 to 12 mm)	0.0038*	0.011*	0.012* (2.7 to 13.5 mm) 0.017* (5 to 50 mm)	.0007*	N/A	0.01
	Compression/Multistreaming	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	5 JPEG streams	5 JPEG streams
	Multi-resolution Windowing	No	No	No	No	No	No	Up to 8	Up to 8
	Images Per Second Color (max.)	30 @ 4CIF	30 @ 4CIF	30 @ 4CIF	30 @ 4CIF	30 @ 4CIF	30 @ 4CIF	30 @ 1280 x 1024	30 @ 1280 x 1024
	Maximum Resolution	704 x 480 (4CIF)	704 x 480 (4CIF)	704 x 480 (4CIF)	704 x 480 (4CIF)	704 x 480 (4CIF)	704 x 480 (4CIF)	1600 x 1200 (2.0 MP) 2040 x 1530 (3.1 MP)	2040 x 1530
Communication	Hybrid (composite video output)	Yes	No	Yes	No	Yes	Yes	No	No
	Ethernet	10/100 Base T	10/100 Base T	10/100 Base T	10/100 Base T	10/100 Base T	10/100 Base T	100 Base T	100 Base T
	Alarm Input/Output	1/1	No	1/1	No	1/1	7/4	No	No
Power	Local via Built-in OSD	Yes	Yes	Yes	Yes	No	No	No	No
	Input Voltage	12 VDC - 28 VAC	12 VDC - 28 VAC	12 VDC - 28 VAC	12 VDC - 28 VAC	24 VAC or 120 VAC	24 VAC or 120 VAC	12 VDC	12 VDC
	Power Over Ethernet (POE)	Yes	Yes	Yes	Yes	No	No	Yes	Yes
Environmental	Power Consumption	8W	10.5W	8W	10.5W	11.5W - 47.5W	14W - 50W	4W	4W
	Operating Temperature	14° to 104° F	14° to 104° F	14° to 104° F	14° to 104° F	14° to 122° F (Indoor) -67° to 122° F (w/XT kit)	14° to 104° F (Indoor) -76° to 122° F (w/XT kit)	32° to 104° F	32° to 104° F
	Vandal Resistant	N/A	Yes	N/A	Yes	Yes	Yes	N/A	N/A

* SensUP ON ** Via license

IP Cameras Quick Guide

FlexiDome IP

Perfectly designed cameras for discrete surveillance



- ▶ Vandal-resistant dome camera offers maximum protection
- ▶ Day/Night IR sensitivity or NightSense offer 24-hour security, giving you detailed images any time – day or night
- ▶ MPEG-4 compression reduces bandwidth and storage
- ▶ Direct-to-iSCSI recording reduces costs by eliminating the need for a network video recorder (NVR)
- ▶ Video Content Analysis improves detection accuracy and reduces false alarms
- ▶ PoE enabled provides easy installation and no extra power supplies
- ▶ Complete integration with Bosch Video Management Systems

Dinion IP

Flexible, high performance solutions for the most challenging locations



- ▶ 15-bit technology provides award-winning image quality
- ▶ Day/Night IR sensitivity or NightSense offer 24-hour security, giving you detailed images any time – day or night
- ▶ MPEG-4 compression reduces bandwidth and storage
- ▶ Hybrid capability offers a migration from analog
- ▶ Direct-to-iSCSI recording reduces costs by eliminating the need for a network video recorder (NVR)
- ▶ Video Content Analysis improves detection accuracy and reduces false alarms
- ▶ PoE enabled provides easy installation and no extra power supplies
- ▶ Complete integration with Bosch Video Management Systems

AutoDome Modular

Versatile, tough, high-speed PTZ cameras



- ▶ Modular camera design future-proofs your technology investment – simply update modules instead of replacing the entire camera
- ▶ Day/Night IR sensitivity or NightSense offer 24-hour security, giving you detailed images any time – day or night
- ▶ Advanced intelligence includes VCA, privacy masking and AutoTrack II
- ▶ Hybrid IP capability offers a migration from analog to IP
- ▶ DVD-quality 4CIF video at 30 IPS
- ▶ MPEG-4 compression reduces bandwidth and storage
- ▶ Direct iSCSI device support for Recording at the Edge
- ▶ Complete integration with Bosch Video Management Systems

Megapixel

Ultra high definition video cameras for revealing the finest details



- ▶ Ultra high resolution results for detailed, clear images that are ideal for identification
- ▶ Day/Night operation offer 24-hour security, giving you detailed images any time – day or night
- ▶ IP connectivity lets you view and control cameras from virtually anywhere
- ▶ Replace multiple analog cameras, reducing system, installation and maintenance costs
- ▶ Digital pan/tilt/zoom (PTZ) lets operators examine all details in the scene
- ▶ PoE enabled provides easy installation and no extra power supplies
- ▶ Megapixels are part of a fully integrated solution with DiBos Hybrid DVR

EX7

High performance day/night camera in a sleek, vandal-resistant housing



- ▶ US Patented No-Grip anchor-free design is impossible to grip or hang from, providing maximum safety for high risk environments such as prison cells and hospitals
- ▶ Innovative 45° tilt eliminates blind spots and enables vandal resistant surveillance of the entirety of a 15 ft. x 15 ft. room, including of the floor beneath the camera itself
- ▶ Available with active infrared night vision at 940 nm for covert illumination and effective night-time imaging under any ambient lighting conditions
- ▶ IVA (Intelligent Video Analysis)-ready for intelligence at the edge, detecting and alerting for user-defined events such as lines being crossed, loitering and objects left behind or removed from the scene
- ▶ IP Infrared Imaging design harnesses the power of infrared illumination to deliver outstanding images day or night, integrating seamlessly with existing IP network infrastructure
- ▶ iSCSI recording

FlexiDome IP Cameras & Accessories

NWD-455V03-20P	Color w/ NightSense, 2.6 - 6 mm lens, PoE
NWD-455V04-20P	Color w/ NightSense, 3.7 - 12 mm lens, PoE
NWD-455V09-20P	Color w/NightSense, 9.0 - 22 mm lens, PoE
NWD-495V03-20P	Day/Night, w/ 3 - 9 mm lens, PoE
NWD-495V09-20P	Day/Night, w/ 9.0 - 22 mm lens, PoE
VDA-NWDPMT	Pendant Pipe Mount
VDA-NWDWMT	Wall Mount
VDA-NWDCMT	Corner Mount
NWD-04X5-FS1	IVMD (Intelligent Video Motion Detection) v1.0 License
NWD-4X5-FS3	IVA (Intelligent Video Analysis) v3.X License

Dinion IP Cameras & Accessories

NWC-0455-20P	Color w/ NightSense, PoE
NWC-0455-28	Color w/ NightSense, w/2.8 to 10 mm lens
NWC-0455-28W	Color w/ NightSense, w/2.8 to 10 mm lens & mount
NWC-0455-55	Color w/ NightSense, w/5 to 50 mm lens
NWC-0455-55W	Color w/ NightSense, w/5 to 50 mm lens & mount
NWC-0495-20P	Day/Night, WDR, PoE, 60Hz
NWC-0495-28	Day/Night, WDR, w/2.8 to 11 mm IR lens
NWC-0495-28W	Day/Night, WDR, w/2.8 to 11 mm IR lens & mount
NWC-0495-75	Day/Night, WDR, w/7.5 to 50 mm IR lens
NWC-0495-75W	Day/Night, WDR, w/7.5 to 50 mm IR lens & mount
NWC-04X5-FS1	IVMD v1.0 License
NWC-04X5-FS3	IVA v3.X License

AutoDome IP Cameras

100 SERIES	Fixed Camera Systems
200 SERIES	PTZ Camera Systems
300 SERIES	Advanced PTZ Camera Systems
500i SERIES	Intelligent PTZ Camera Systems
VG4-MTRN	TCP/IP Communications Module

Go to www.autodome.com and select 'Configuration Tool' to design an ideal AutoDome System

Megapixel Cameras & Lens

NWC-0700	2.0 MP Color, 12VDC/PoE
NWC-0800	3.1 MP Color, 12VDC/PoE Day/Night, 1.3MP Mono/3.1MP Color, 12VDC/PoE
NWC-0900	1/3" Color, 500 TVL, 5-50mm
VLM-0814-MP	MP lens, C 2/3-IN, 8 mm manual iris, f/1.4 to close
VLM-1214-MP	MP lens, C 2/3-IN, 12 mm manual iris f/1.4 to close
VLM-1614-MP	MP lens, C 2/3-IN, 16 mm manual iris f/1.4 to close
VLM-2514-MP	MP lens, C 2/3-IN, 25 mm manual iris f/1.4 to close
VLM-3V1228-MP	MP lens, C 2/3-IN, 12-36 mm manual iris f/2.8 to close
VLM-2V0414-MP	MP lens, C 1/2-IN, 4-8 mm manual iris f/1.4 to close
VLG-2V0414-MP	MP lens, C 1/2-IN, 4-8 mm direct drive f/1.4 to 360

EX7 Cameras & Accessories

NEC-070V04-21W	1/3" Color, 500 TVL, 4-9mm
NEC-070V09-21W	1/3" Color, 500 TVL, 9-22mm
NEC-070V05-21W	1/3" Color, 500 TVL, 5-50mm
NEN-070V04-21W	1/3" Day/Night, 540 TVL, 4-9mm
NEN-070V09-21W	1/3" Day/Night, 540 TVL, 9-22mm
NEN-070V05-21W	1/3" Day/Night, 540 TVL, 5-50mm
NEA-IP200B-FS3	IVA 3.0 VCA License

IP Cameras Quick Guide

EX30

Powerful, long-range Black Diamond day/night Infrared Imager



EX36

Discreet, corner-mount camera that's ultra-tough



EX80

Active Infrared day/night imager with Black Diamond technology



EX82

High-resolution Infrared day/night imager with Black Diamond technology



EX85

Dual megapixel Infrared Imager for amazing level of detail day or night



- ▶ Award-winning Black Diamond technology combined with precision engineered optics for High-Fidelity detection-level night-time imaging performance to 350 ft. (~100 m) in total darkness
- ▶ Day/Night 550 TVL color / 570 TVL monochrome with mechanical filter technology
- ▶ IVA-ready for intelligence at the edge, detecting and alerting for user-defined events such as lines being crossed, loitering and objects left behind or removed from the scene
- ▶ IP Infrared Imaging design harnesses the power of infrared illumination to deliver outstanding images day or night, integrating seamlessly with existing IP network infrastructure
- ▶ Black Diamond illumination reduces night-time image noise for improved compression performance and low bit rates while delivering the necessary details for effective night-time function of video analytics
- ▶ iSCSI recording
- ▶ Field-proven NEMA4X all-weather design for long-term reliable performance in harsh environments

- ▶ US Patented No-Grip anchor-free design is impossible to grip or hang from, providing maximum safety for high risk environments such as prison cells and hospitals
- ▶ Innovative 45° tilt eliminates blind spots and enables vandal resistant surveillance of the entirety of a 15 ft. x 15 ft. room, including of the floor beneath the camera itself
- ▶ Available with active infrared night vision at 940 nm for covert illumination and effective night-time imaging under any ambient lighting conditions
- ▶ IVA (Intelligent Video Analysis)-ready for intelligence at the edge, detecting and alerting for user-defined events such as lines being crossed, loitering and objects left behind or removed from the scene
- ▶ IP Infrared Imaging design harnesses the power of infrared illumination to deliver outstanding images day or night, integrating seamlessly with existing IP network infrastructure
- ▶ iSCSI recording

- ▶ Award-winning Black Diamond technology combined with precision engineered optics for High-Fidelity detection-level night-time imaging performance to 200 ft. (60 m) in total darkness
- ▶ 480 TVL 1/3" color CCD for vivid daytime color, 420 TVL 1/3" monochrome CCD for award-winning night vision
- ▶ IVA (Intelligent Video Analysis)-ready for intelligence at the edge, detecting and alerting for user-defined events such as lines being crossed, loitering and objects left behind or removed from the scene
- ▶ IP Infrared Imaging design harnesses the power of infrared illumination to deliver outstanding images day or night, integrating seamlessly with existing IP network infrastructure
- ▶ Black Diamond reduces night-time image noise for improved compression performance and low bit rates while delivering the necessary details for effective night-time function of video analytics
- ▶ iSCSI recording
- ▶ Field-proven NEMA4X all-weather design for long-term reliable performance in harsh environments

- ▶ Award-winning Black Diamond technology combined with precision engineered optics for High-Fidelity detection-level night-time imaging performance to 250 ft. (75 m) in total darkness
- ▶ 550 TVL 1/3" color for outstanding daytime color, 550 TVL 1/3" mono CCD for award-winning night vision
- ▶ IVA (Intelligent Video Analysis)-ready for intelligence at the edge, detecting and alerting for user-defined events such as lines being crossed, loitering and objects left behind or removed from the scene
- ▶ IP Infrared Imaging harnesses the power of infrared illumination to deliver outstanding images day or night, integrating seamlessly with existing IP network infrastructure
- ▶ Black Diamond reduces night-time image noise for improved compression performance and low bit rates while delivering the necessary details for effective night-time function of video analytics
- ▶ iSCSI recording
- ▶ Field-proven NEMA4X all-weather design for long-term reliable performance in harsh environments

- ▶ 3.1 megapixel day sensor / 1.3 megapixel night-time sensor for superior image detail, a 10x increase in resolution over typical high performance CCDs for 24/7 optimized performance of video analytics
- ▶ Award-winning Black Diamond technology for the industry's most advanced night vision
- ▶ High-definition, detection-level night vision at 420 ft. (128 m) in total darkness
- ▶ Innovative Bit-Reduce technology minimizes bit rate without compromising image quality
- ▶ IP Infrared Imaging design optimizes the combined benefits of IP and Infrared for critical imaging applications
- ▶ Field-proven IP67 all-weather design for long-term reliable performance in harsh environments
- ▶ Reduced long-term costs: savings on fewer cameras, reduced installation costs, greater scalability

EX30 Cameras & Accessories

NEI-308V05-21B	1/3" Extended Day/Night, 540 TVL, 850 nm IR,
NEI-308V05-21W	5-50mm, black (-21B) or white (-21W)
NEI-309V05-21B	1/3" Extended Day/Night, 540 TVL, 940 nm IR,
NEI-309V05-21W	5-50mm, black (-21B) or white (-21W)
EXMB.015B	Pole mount adaptor, black
EXMB.061B	Stainless pole top bracket
EXSH01B	Sunhood, black
EXMB.029B	Ceiling mount bracket, black
EXPS.009	24 VAC, 2500 mA RoHS power supply
NEA-IP200B-FS3	IVA 3.0 VCA License

EX36 Cameras & Accessories

NEC-360F02-21W	1/3" Color, 500 TVL, 2.5mm
NEC-360F04-21W	1/3" Color, 500 TVL, 3.6mm
NEI-368F02-21W	1/3" Extended Day/Night, 540 TVL, 850 nm IR, 2.5mm
NEI-368F04-21W	1/3" Extended Day/Night, 540 TVL, 850 nm IR, 3.6mm
NEI-369F02-21W	1/3" Extended Day/Night, 540 TVL, 940 nm IR, 2.5mm
NEI-369F04-21W	1/3" Extended Day/Night, 540 TVL, 940 nm IR, 3.6mm
EXPS.008	120 VAC / 24 VAC 1500 mA power supply
NEA-IP200B-FS3	IVA 3.0 VCA License

EX80 Cameras & Accessories

NEI-808V04-21B	Day/Night dual sensor, 480/420 TVL, 850 nm IR,
NEI-808V04-21W	4-9mm, black (-21B) or white (-21W)
NEI-809V04-21B	Day/Night dual sensor, 480/420 TVL, 940 nm IR,
NEI-809V04-21W	4-9mm, black (-21B) or white (-21W)
EXMB.015B	Pole mount adaptor, black
EXMB.061B	Stainless pole top bracket
EXSH01B	Sunhood, black
EXMB.029B	Ceiling mount bracket, black
EXPS.009	24 VAC, 2500 mA RoHS power supply
NEA-IP200B-FS3	IVA 3.0 VCA License

EX82 Cameras & Accessories

NEI-828V04-21B	Day/Night dual sensor, 500/540 TVL, 850 nm IR,
NEI-828V04-21W	4-9mm, black (-21B) or white (-21W)
NEI-829V04-21B	Day/Night dual sensor, 500/540 TVL, 940 nm IR,
NEI-829V04-21W	4-9mm, black (-21B) or white (-21W)
NEI-828V09-21B	Day/Night dual sensor, 500/540 TVL, 850 nm IR,
NEI-828V09-21W	9-22mm, black (-21B) or white (-21W)
NEI-829V09-21B	Day/Night dual sensor, 500/540 TVL, 940 nm IR,
NEI-829V09-21W	9-22mm, black (-21B) or white (-21W)
EXMB.015B	Pole mount adaptor, black
EXMB.061B	Stainless pole top bracket
EXSH01B	Sunhood, black
EXMB.029B	Ceiling mount bracket, black
EXPS.009	24 VAC, 2500 mA RoHS power supply
NEA-IP200B-FS3	IVA 3.0 VCA License

EX85 Cameras & Accessories







EX85D8IP08B	1/2" Megapixel Day/Night, 3.1/
EX85D8IP08W	1.3 dual sensor, 8mm, 850 nm IR, black (B) or white (W)
EX85D8IP12B	1/2" Megapixel Day/Night, 3.1/
EX85D8IP12W	1.3 dual sensor, 12mm, 850 nm IR, black (B) or white (W)
EX85D8IP25B	1/2" Megapixel Day/Night, 3.1/
EX85D8IP25W	1.3 dual sensor, 25mm, 850 nm IR, black (B) or white (W)
EX85D8IP50B	1/2" Megapixel Day/Night, 3.1/
EX85D8IP50W	1.3 dual sensor, 50mm, 850 nm IR, black (B) or white (W)
EXMB.015B	Pole mount adaptor, black (B) or white (W)
EXMB.015W	Pole mount adaptor, black (B) or white (W)
EXMB.017B	Wall mount adaptor, black (B) or white (W)
EXMB.017W	Wall mount adaptor, black (B) or white (W)
EXMB.061B	Stainless pole top bracket
EXSH01B	Sunhood, black
EXMB.029B	Ceiling mount bracket, black (B) or white (W)
EXMB.029W	Ceiling mount bracket, black (B) or white (W)
EXPS.009	24 VAC, 2500 mA power supply
NEA-IP200B-FS3	IVA 3.0 VCA License

IP Cameras Quick Guide



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Invented for life

Bosch IP Cameras		Extreme Environment					
							
Camera Information	Camera Type	Ceiling-mount No-grip	IP Infrared Imager	Corner-mount No-grip	IP Infrared Imager	IP Infrared Imager	Megapixel IP Infrared Imager
	Camera Options	Color or High Performance Day/Night	High Performance Day/Night	Color or High Performance Day/Night	Standard Resolution Color/Monochrome	High Resolution Color/Monochrome	Megapixel Color/Megapixel Monochrome
Imaging	Image Sensor Type	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD	1/2" CMOS Color Sensor, 3.1 Megapixel 1/2" CMOS Mono. Sensor, 3.1 Megapixel
	Day/Night	Optional	Yes	Optional	Yes	Yes	Yes
	IR Sensitive	Optional	Yes	Optional	Yes	Yes	Yes
	Dynamic Range (WDR)	No	No	No	No	No	60 dB
	Pan/Tilt/Zoom (PTZ)	No	No	No	No	No	Digital PTZ
	Intelligent Video Analytics (IVA)**	Yes	Yes	Yes	Yes	Yes	No
	Tamper Detection	Yes	Yes	Yes	Yes	Yes	No
	Video Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes (Programmable Mask)
	Backlight Compensation	No	No	No	No	No	Yes
	Auto Black	No	No	No	No	No	No
Sensitivity (lux)	Minimum Illumination (day mode)	2.7 F1.4 Color	0.02 F1.4 Day/Night	2.7 F1.4 Color	1.0 F2	2.7 F1.4	1.0 F1.4
	Extended Sensitivity (night mode)	0.06 F1.4 Day/Night	0 - Active IR Models	0.06 F1.4 (Non-IR D/N Models) 0 - Active IR Models	0 - Active IR Models	0 - Active IR Models	0 - Active IR Models
Infrared	Wavelength	n/a	850 nm or 940 nm	850 nm or 940 nm	850 nm or 940 nm	850 nm or 940 nm	850 nm
	Night Vision Maximum Range	n/a	350 ft. (~100 m) @ 850 nm	30 ft. @ 850 nm	200 ft. (60 m) @ 850 nm	250 ft. (75 m) @ 850 nm	420 ft. (128 m) @ 850 nm
IP Streaming	Compression/Multistreaming	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	(2) MPEG-4 (1) JPEG	5 JPEG Streams
	Multi-resolution Windowing	No	No	No	No	No	Up to 8
	Images Per Second Color (max.)	30 @ 4CIF	30 @ 4CIF	30 @ 4CIF	30 @ 4CIF	30 @ 4CIF	30 @ 1280 x 1024
	Maximum Resolution	704 x 480 (4CIF)	704 x 480 (4CIF)	704 x 480 (4CIF)	704 x 480 (4CIF)	704 x 480 (4CIF)	2040 x 1530
	Hybrid (composite video output)	Yes	Yes	Yes	Yes	Yes	No
Communication	Ethernet	10/100 Base T	10/100 Base T	10/100 Base T	10/100 Base T	10/100 Base T	10/100 Base T
	Alarm Input/Output	No	No	No	No	No	No
	Local via Built-in OSD	No	No	No	No	No	No
Power	Input Voltage	12-24 VAC or VDC	12-24 VAC or VDC	12-24 VAC or VDC	12-24 VAC or VDC	12-24 VAC or VDC	12-24 VAC or VDC
	Power Over Ethernet (POE)	No	No	No	No	No	No
	Power Consumption	5W	36W (with IR)	11W Max. (with IR)	36W Max.	36W Max.	24W Max.
Environmental	Operating Temperature	-13° to 140° F	-58° to 122° F	-58° to 122° F	-58° to 122° F	-58° to 122° F	-40° to 122° F
	Vandal Resistant	Yes	No	Yes	No	No	No
	All-weather Rating	IP66	IP67 / NEMA4	n/a	IP67 / NEMA4	IP67 / NEMA4	IP67 / NEMA4