

	1.2-1.3 Megapixel		1080p		3 Megapixel		5 Megapixel		10 Megapixel							
	AV1115v1	AV1215PM-S	AV2115v1	AV2116DNv1	AV2215PM-S	AV2216PM-S	AV3115v1	AV3116DNv1	AV3236	AV3215PM-S	AV3216PM-S	AV5115v1	AV5215PM-S	AV10115v1	AV10215PM-S	
Image Sensor Type	1.3MP Effective, 1/2.7" CMOS	1.2MP, 1/3" CMOS	2.07MP, 1/2" CMOS	2.07MP Effective, 1/3.2" CMOS	1080p, 1/3" CMOS	1080p, 1/3.2" CMOS	3MP Effective, 1/2" CMOS	3MP, 1/3.2" CMOS	3MP, 1/3.2" CMOS Color WDR 1.3MP, 1/3" CMOS B/W	3MP, 1/3" CMOS	3MP, 1/3.2" CMOS	5MP, 1/2.5" CMOS	5MP, 1/2.5" CMOS	10MP, 1/2.3" CMOS	10MP, 1/2.3" CMOS	
Maximum Resolution	1280 x 1024	1280 x 960	1980 x 1080	1980 x 1080	1920 x 1080	1920 x 1080	2048 x 1536	2048 x 1536	2048 x 1536 - 3MP 1280 x 960 - 1.2MP	2048 x 1536	2048 x 1536	2592 x 1944	2592 x 1944	Mode1: 3648 x 2752 Mode2: 1920 x 1080	3648 x 2752	
Minimum Illumination	Color: 0.1 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.02 Lux Day/Night: 0.002 Lux, IR Sensitive	Color: 0.1 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.3 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.3 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.3 Lux Color Binning: 0.15 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.3 Lux Color Binning: 0.15 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.2 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux Color Binning: 0.05 Lux D/N: 0.02 Lux, IR Sensitive	Color: 0.3 Lux Color Binning: 0.15 Lux D/N: 0.02 Lux, IR Sensitive	Color: 0.3 Lux Color Binning: 0.15 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.3 Lux Color Binning: 0.15 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.42 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.42 Lux Color Binning: 0.21 Lux Day/Night: 0.03 Lux, IR Sensitive	
Max Frame Rates	42fps (1280x1024)	37fps (1280x960)	31fps (1920x1080), 42fps (1280x1024)	21fps (2048x1536), 30fps (1920x1080), 41fps (1280x1024)	30fps (1920x1080)	30fps (1920x1080)	21fps (2048x1536), 29fps (1920x1080), 31fps (1600x1200), 41fps (1280x1024)	21fps (2048x1536), 30fps (1920x1080), 41fps (1280x1024)	8fps @ Dual Stream (2048 x 1536 B/W upscaled + 2048 x 1536) 11fps @ Dual Stream (1280 x 960 B/W + 2048 x 1536) (see datasheet for additional FPS data)	21fps (2048x1536)	21fps (2048x1536)	14fps (2592x1944), 16fps (2560x1600), 21fps (2048x1536), 29fps (1920x1080), 31fps (1600x1200), 41fps (1280x1024)	14fps (2592x1944)	7fps (3648x2752), 12fps (2592x1944), 18fps (2048x1536), 26fps (1920x1080), 37fps (1280x1024)	7fps (3648x2752)	
Dynamic Range	69dB	83.5dB	69dB	Up to 100dB	69.5dB	Up to 100dB	70.1dB	Up to 100dB	Up to 100dB	69.5dB	Up to 100dB	70.1dB	70.1dB	57.2dB	57.2dB	
True Day / Night	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Dual Sensor: Color, Black/White	Yes	Yes	Yes	Yes	Yes	Yes	
Motorized P-Iris Lens Functionality (sold separately)	-	Yes*	-	-	Yes*	-	-	-	-	Yes*	-	-	Yes*	-	Yes*	
Compression / Multistreaming	H.264 (MPEG-4, Part 10) Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 non-identical streams	
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	
Alarm	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	
Motion Detection	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	
Lowlight Mode	MoonLight™ Mode	MoonLight™ Mode, Stellar™	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	MoonLight™ Mode	
Casino Mode™	-	-	Yes	-	Yes	-	-	-	-	-	-	-	-	-	-	
Shutter Control	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	
Privacy Mask	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Binning Mode	-	-	-	-	-	-	46fps @ 1024 x 768, 64fps @ 800 x 600, 64fps @ 860 x 540, 64fps @ 640 x 512	21fps @ 1024 x 768, 27fps @ 800 x 600, 31fps @ 960 x 540, 32fps @ 640 x 512	-	30fps @ 1920 x 1080, 41fps @ 1280 x 1024	30fps @ 1920 x 1080, 41fps @ 1280 x 1024	34fps @ 1296 x 972, 41fps @ 1280 x 800, 46fps @ 1024 x 768, 64fps @ 800 x 600	21fps @ 2048 x 1536, 29fps @ 1920 x 1080, 41fps @ 1280 x 1024	30fps @ 1920 x 1080, 25fps @ 1824 x 1376, 46fps @ 1296 x 972, 57fps @ 1024 x 768	12fps @ 2592 x 1944, 18fps @ 2048 x 1536, 25fps @ 1920 x 1080, 37fps @ 1280 x 1024	12fps @ 2592 x 1944, 18fps @ 2048 x 1536, 25fps @ 1920 x 1080, 37fps @ 1280 x 1024
Power Over Ethernet (PoE)	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	
All-weather Rating	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	Yes**	
Operating Temp.	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	23°F to 122°F (-5°C to +50°C)	
Vandal Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Remote Zoom / Remote Focus	-	Yes*	-	-	Yes*	-	-	-	-	Yes*	-	-	Yes*	-	Yes*	
CorridorView™	-	Yes	-	-	Yes	-	-	-	-	Yes	-	-	Yes	-	Yes	
SD Card Slot	-	Yes	-	-	Yes	-	-	-	-	Yes	-	-	Yes	-	Yes	
Max. Power Consumption (includes p-iris lens)	5 Watts	6.2 Watts	5 Watts	6 Watts	6.9 Watts	7.8 Watts	5.3 Watts	6 Watts	4 Watts	6.9 Watts	7.8 Watts	5.3 Watts	7.1 Watts	5.4 Watts	6.6 Watts (without lens)	
Non-integer Scaling	-	-	-	-	Yes	-	-	-	-	Yes	-	-	Yes	-	Yes	

Accessories:



P-Iris Lens Accessories*:**

*Must use Arecont Vision motorized P-iris lens (MPL2.8-8.5MPI 1.2MP, 1080p, 3MP models or MPL3.3-8.5MPI 5MP model) for
 **When combined with Arecont Vision HSG2 housing - 40°F (-40°F) to 60°C (140°F)
 ***When combined with Arecont Vision Dome4 or D4S0 housing - 5°C (23°F) to +40°C (104°F)
 ***For additional lens options, reference the product datasheet.

*Requires MD-CAP
 **Requires either AV-WMI1 or AV-PMI1

	1.2-1.3 Megapixel		1080p		3 Megapixel		5 Megapixel					
	AV1455DN	AV1555DN	AV2455DN	AV2555DN	AV2456DN	AV2556DN	AV3455DN	AV3555DN	AV3456DN	AV3556DN	AV5455DN	AV5555DN
Image Sensor Type	1.3MP, 1/2.7" CMOS	1.2MP, 1/3" CMOS	2.07MP, 1/2.7" CMOS	1080p, 1/3" CMOS	2.07MP, 1/3.2" CMOS	1080p, 1/3.2" CMOS	3MP, 1/2.5" CMOS	3MP, 1/3" CMOS	3MP, 1/3.2" CMOS	3MP, 1/3" CMOS	5MP, 1/2.5" CMOS	5MP, 1/2.5" CMOS
Maximum Resolution	1280 x 1024	1280 x 960	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2592 x 1944	2592 x 1944
1/4 Resolution	640 H x 512 V	640 H x 480 V	960 H x 540 V		960 H x 540 V		1024 H x 768 V		1024 H x 768 V		1296 H x 972 V	
Minimum Illumination	Color: 0.1 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.03 Lux Day/Night: 0.003 Lux, IR Sensitive	Color: 0.1 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.2 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.3 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.2 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.3 Lux Color Binning: 0.15 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.2 Lux Color Binning: 0.1 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.5 Lux Color Binning: 0.15 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.2 Lux Color Binning: 0.1 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.5 Lux Color Binning: 0.15 Lux Day/Night: 0 Lux, IR Sensitive	Color: 0.3 Lux Color Binning: 0.15 Lux Day/Night: 0.02 Lux, IR Sensitive
Max Frame Rates	42fps (1280 x 1024)	37fps (1280 x 960)	31fps (1920 x 1080)	30fps (1920 x 1080)	30fps (1920 x 1080)		21fps (2048 x 1536)		21fps (2048 x 1536)		14fps (2592 x 1944)	
Dynamic Range	69dB	83.5dB	69dB		Up to 100dB		70.1dB		Up to 100dB		70.1dB	
True Day / Night	Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated	
Lens ²	4mm, F1.6	2.8mm 1/2.5", F2.0, H-FOV 95°	4mm, F1.6	2.8mm 1/2.5", F2.0, H-FOV 83°	4mm, F1.6	2.8mm 1/2.5", F2.0, H- FOV 83°	4mm, F1.6	2.8mm 1/2.5", F2.0, H-FOV 89°	4mm, F1.6	2.8mm 1/2.5", F2.0, H- FOV 89°	4mm, F1.6	2.8mm 1/2.5", F2.0, H- FOV 113°
Compression / Multistreaming	H.264 (MPEG-4, Part 10) Motion JPEG; 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG; 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG; 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG; 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG; 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG; 8 Non-Identical Streams	
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4, IPv6
Audio / Alarm	Audio: Integrated Microphone (-F Models) / Alarm: 1 Input / 1 Output		Audio: Integrated Microphone (-F Models) / Alarm: 1 Input / 1 Output		Audio: Integrated Microphone (-F Models) / Alarm: 1 Input / 1 Output		Audio: Integrated Microphone (-F Models) / Alarm: 1 Input / 1 Output		Audio: Integrated Microphone (-F Models) / Alarm: 1 Input / 1 Output		Audio: Integrated Microphone (-F Models) / Alarm: 1 Input / 1 Output	
Motion Detection	1024 Zones		1024 Zones		1024 Zones		1024 Zones		1024 Zones		1024 Zones	
Lowlight Mode	Yes	NightView™	Yes		Yes		Yes		Yes		Yes	
Casino Mode™	-		-		-		-		-		-	
Shutter Control	1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms	
Privacy Mask	Yes		Yes		Yes		Yes		Yes		Yes	
Binning Mode ³	-		-		-		Yes		Yes		Yes	
Power Over Ethernet (PoE)	PoE: PoE 802.3af		PoE: PoE 802.3af		PoE: PoE 802.3af		PoE: PoE 802.3af		PoE: PoE 802.3af		PoE: PoE 802.3af	
All-weather Rating	IP66 (-S and -S-NL Models)		IP66 (-S and -S-NL Models)		IP66 (-S and -S-NL Models)		IP66 (-S and -S-NL Models)		IP66 (-S and -S-NL Models)		IP66 (-S and -S-NL Models)	
Operating Temp.	F Model: 23°F to 122°F (-5°C to +50°C) S Model: 40°F to 122°F (-40°C to +50°C)		F Model: 23°F to 122°F (-5°C to +50°C) S Model: 40°F to 122°F (-40°C to +50°C)		F Model: 23°F to 122°F (-5°C to +50°C) S Model: 40°F to 122°F (-40°C to +50°C)		F Model: 23°F to 122°F (-5°C to +50°C) S Model: 40°F to 122°F (-40°C to +50°C)		F Model: 23°F to 122°F (-5°C to +50°C) S Model: 40°F to 122°F (-40°C to +50°C)		F Model: 23°F to 122°F (-5°C to +50°C) S Model: 40°F to 122°F (-40°C to +50°C)	
Vandal Resistant	IK-10		IK-10		IK-10		IK-10		IK-10		IK-10	
Remote Focus	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes
CorridorView™	-	90° Image Rotation	-	90° Image Rotation	-	90° Image Rotation	-	90° Image Rotation	-	90° Image Rotation	-	90° Image Rotation
Flexible Cropping	Yes		Yes		Yes		Yes		Yes		Yes	
Gimbal	2-axis	3-axis	2-axis	3-axis	2-axis	3-axis	2-axis	3-axis	2-axis	3-axis	2-axis	3-axis
Max. Power Consumption	5.59 Watts		5.59 Watts		5.59 Watts		5.59 Watts		5.59 Watts		5.59 Watts	

Accessories:



Body Styles²:



¹Binning mode combines four pixels into a single pixel for increased low light sensitivity

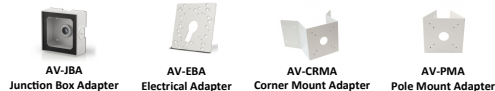
²Surface mount (-S) and In-ceiling flush mount models (-F) include a standard lens. For applications that require a different focal length, pair a surface or flush mount NO LENS model (-NL) with an optional lens accessory.

³Fits 3rd party 4-inch square box 2-1/8inch deep (e.g. Loves Item # 4788)



		1.2 - 1.3 Megapixel		1080p		3 Megapixel			5 Megapixel		10 Megapixel	
		AV1225PMIR-S	AV1125	AV2225	AV2226	AV2125	AV3225	AV3226	AV3125	AV5225	AV5125	AV10225
Image Sensor Type		1.2MP, 1/3" CMOS	1.3MP, 1/2.7" CMOS	2.07MP, 1/2.7" CMOS S Model: 2.07MP, 1/3" CMOS	2.07MP, 1/3.2" CMOS	2.07MP, 1/2.7" CMOS	3MP, 1/2.5" CMOS S Model: 3MP, 1/3" CMOS	3MP, 1/3.2" CMOS	3MP, 1/2.5" CMOS	5MP, 1/2.5" CMOS		10MP, 1/2.3" CMOS
Maximum Resolution		1280 x 960	1280 x 1024		1920 x 1080			2048 x 1536		2592 x 1944		3648 x 2752
1/4 Resolution		640 (H) x 480 (V)	640 (H) x 512 (V)		960 (H) x 540 (V)			1024 (H) x 768 (V)		1296 (H) x 972 (V)		1824 (H) x 1376 (V)
Minimum Illumination	Color	0.02 Lux	0.1 Lux @ F1.6	0.1 Lux	0.3 Lux	0.1 Lux @ F1.6	0.3 Lux / S model 0.1 Lux	0.3 Lux	0.3 Lux @ F1.6	0.3 Lux	0.3 Lux @ F1.6	0.42 Lux
	Color Binning	-	-	-	-	-	0.15 Lux / S model 0.05 Lux	0.15 Lux	-	0.15 Lux	0.15 Lux	0.21 Lux
	Day/Night	0.002 Lux	0 Lux	0 Lux	0 Lux	0 Lux		0 Lux		0 Lux	0 Lux	0 Lux
IR Sensitive		Yes		Yes			Yes		Yes	Yes		Yes
Max Frame Rates		37fps (1280 x 960)	42fps (1280 x 1024)	31fps (1920 x 1080)	30fps (1920 x 1080)	31fps (1920 x 1080)		21fps (2048 x 1536)		14fps (2592 x 1944)		7fps (3648 x 2752)
Dynamic Range		83.5dB	69dB	69dB S Model: 69.5dB	Up to 100dB	69dB	70.1dB S Model: 69.5dB	Up to 100dB	70.1 dB	70.1dB		57.2dB
True Day / Night		Yes, Integrated		Yes, Integrated			Yes, Integrated		Yes, Integrated	Yes, Integrated		Yes, Integrated
Lens		3-9mm, 1/2.7", F1.2	4.5-10mm, 1/2.7", F1.6	3-9mm, 1/2.7", F1.2		4.5-10mm, 1/2.7", F1.6	3-9mm, 1/2.7", F1.2	3-9mm, 1/2.7", F1.2	4.5-10mm, 1/2.5", F1.6	3.6-9mm, 1/2.5", F1.3	4.5-10mm, 1/2.5", F1.6	4.7-9mm, 1/2.3", F1.5
Lens Type		P-Iris Motorized Lens	Manual Lens	P-Iris Motorized Lens		Manual Lens	P-Iris Motorized Lens		Manual Lens	P-Iris Motorized Lens	Manual Lens	P-Iris Motorized Lens
Compression / Multistreaming		H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams			H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams			H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10)/Motion JPEG, 4 non-identical streams
Network Protocols		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP			RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP			RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP
Audio / Alarm		Audio: Microphone / Input / Output Alarm: 1 Input / 1 Output		Audio: Microphone / Input / Output Alarm: 1 Input / 1 Output			Audio: Microphone / Input / Output Alarm: 1 Input / 1 Output			Audio: Microphone / Input / Output Alarm: 1 Input / 1 Output		Audio: Input / Output Alarm: 1 Input / 1 Output
Motion Detection		1024 Zones		1024 Zones			1024 Zones			1024 Zones		1024 Zones
Lowlight Mode		STELLAR™	-	-	-	-	-	-	-	-	-	-
Shutter Control		1ms-500ms		1ms-500ms			1ms-500ms			1ms-500ms		1ms-500ms
Privacy Mask		Yes		Yes			Yes			Yes		Yes
Binning Mode		-		-			46fps (1024 x 768) 64fps (960 x 540)	21fps (1024 x 768) 27fps (800 x 600) 31fps (960 x 540) 32fps (640 x 512)	-	34fps (1296 x 972) 46fps (1024 x 768) 64fps (960 x 540)	34fps (1286 x 972), 41fps (1280 x 800), 46fps (1024 x 768), 64fps (800 x 600), 64fps (860 x 540), 64fps (640 x 512)	29fps (1920 x 1080) 26fps (1824 x 1376) 43fps (1296 x 972) 54fps (1024 x 768)
Power Over Ethernet		PoE 802.3af		PoE 802.3af			PoE 802.3af			PoE 802.3af		PoE 802.3af
All-weather Rating		IP66		IP66			IP66			IP66		IP66
Operating Temp.		-40°C to +50°C		-40°C to +50°C			-40°C to +50°C			-40°C to +50°C		-40°C to +50°C
Vandal Resistant		Yes		Yes			Yes			Yes		Yes
Remote Zoom / Remote Focus		Yes		Yes			Yes			Yes		Yes
CorridorView (S Models)		90° Image Rotation	-	90° Image Rotation		-	90° Image Rotation	90° Image Rotation	-	90° Image Rotation	-	90° Image Rotation
SD Card Slot		Yes (-S Models)	-	Yes (-S Models)	Yes (-S Models)	-	Yes (-S Models)	Yes (-S Models)	-	Yes (-S Models)	-	Yes (-S Models)
Max. Power Consumption		12 Watts	6.41W / 10.44W with IR	10.9-12.1 Watts	11.8-13.4 Watts	6.41W / 10.44W with IR	11.1-12.1 Watts	12-13.4 Watts	6.63 / 10.64 with IR Watts	11.1-12.5 Watts	6.63 / 10.64 with IR Watts	11.3-12.4 Watts
Cropped		-	-	42fps (1280 x 1024)	41fps (1280 x 1024)	-	29fps (1920 x 1080) 41fps (1280 x 1024)	30fps (1920 x 1080) 41fps (1280 x 1024)	-	21fps (2048 x 1536) 29fps (1920 x 1080), 41fps (1280 x 1024)	-	12fps (2592 x 1944), 18fps (2048 x 1536) 25fps (1920 x 1080), 37fps (1280 x 1024)
IR Illumination for PMTIR Models*		200 ft (max) / 33° IR angle	-	200 ft (max) / 33° IR angle		-	200 ft (max) / 33° IR angle		-	200 ft (max) / 33° IR angle		200 ft (max) / 33° IR angle
IR Illumination for PMIR Models*		100 ft (max) / 50° IR angle	82 ft (max) / 45° IR angle	100 ft (max) / 50° IR angle	82 ft (max) / 45° IR angle		100 ft (max) / 50° IR angle	82 ft (max) / 45° IR angle		100 ft (max) / 50° IR angle	82 ft (max) / 45° IR angle	100 ft (max) / 50° IR angle

Accessories:



* 4 pcs 850nm LED

MegaBall® IP Megapixel Camera Series



Leading the Way in Megapixel Video™

	1.3 Megapixel						3 Megapixel						5 Megapixel							
	AV1145	AV1245	AV2145	AV2146	AV2245	AV2246	AV2245PM	AV2246PM	AV3145	AV3146	AV3245	AV3246	AV3245PM	AV3246PM	AV5145	AV5245	AV5245DN-01	AV5245PM		
Image Sensor Type	1.3MP, 1/2.7" CMOS	1.2MP, 1/3" CMOS	2.07 MP, 1/2.7" CMOS	2.07MP, 1/3.2" CMOS	2.07 MP, 1/2.7" CMOS	2.07MP, 1/3" CMOS	2.07MP, 1/3" CMOS	2.07MP, 1/3.2" CMOS	3MP, 1/2.5" CMOS	3MP, 1/3.2" CMOS	3MP, 1/2.5" CMOS	3MP, 1/2.5" CMOS	3MP, 1/3" CMOS	3MP, 1/3.2" CMOS	5MP, 1/2.5" CMOS			5MP, 1/2.5" CMOS		
Maximum Resolution	1280 x 1024	1280 x 960	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2592 x 1944			2592 x 1944		
1/4 Resolution	640 x 512	640 x 480	960 x 540	960 x 540	960 x 540	960 x 540	960 x 540	960 x 540	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1296 x 972			1296 x 972		
Minimum Illumination	Color	0.1 Lux @ F1.3	0.02 Lux	0.1 Lux @ F1.3	0.1 Lux @ F1.3	0.1 Lux @ F1.3	0.1 Lux	0.3 Lux	0.3 Lux @ F1.4	0.3 Lux @ F1.3	0.3 Lux @ F1.4	0.3 Lux @ F1.3	0.1 Lux	0.3 Lux	0.3 Lux @ F1.4			0.3 Lux		
	Color Binning	-	-	-	-	-	-	-	0.15 Lux @ F1.4	0.15 Lux @ F1.3	0.15 Lux @ F1.4	0.15 Lux @ F1.3	0.05 Lux	0.15 Lux	0.15 Lux @ F1.4			0.15 Lux		
	Day/Night	0 Lux	0.002 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux			0 Lux		
IR Sensitive	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes			Yes		
Max Frame Rates	42fps @ 1280 x 1024	37fps @ 1280 x 960	31fps @ 1920 x 1080, 42fps @ 1280 x 1024	30fps @ 1920 x 1080, 41fps @ 1280 x 1024	31fps @ 1920 x 1080, 42fps @ 1280 x 1024	30fps @ 1920 x 1080, 41fps @ 1280 x 1024	30fps @ 1920 x 1080	30fps @ 1920 x 1080	21fps @ 2048 x 1536, 29fps @ 1920 x 1080, 31fps @ 1600 x 1200, 41fps @ 1280 x 1024	21fps @ 2048 x 1536, 29fps @ 1920 x 1080, 31fps @ 1600 x 1200, 41fps @ 1280 x 1024	21fps @ 2048 x 1536, 29fps @ 1920 x 1080, 31fps @ 1600 x 1200, 41fps @ 1280 x 1024	21fps @ 2048 x 1536	21fps @ 2048 x 1536	14fps @ 2592 x 1944, 16.5fps @ 2560 x 1600, 21fps @ 2048 x 1536, 31fps @ 1600 x 1200, 29fps @ 1920 x 1080, 41fps @ 1280 x 1024			14fps @ 2592 x 1944			
Dynamic Range	69dB	83.5dB	69dB	Up to 100dB	69dB	Up to 100dB	69.5dB	Up to 100dB	70.1dB	Up to 100dB	70.1dB	Up to 100dB	69.5dB	Up to 100dB	70.1dB			70.1dB		
True Day / Night	Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated			Yes, Integrated		
Lens	3.4-10mm, 1/2.5", F1.6	2.8-8.5mm, F1.2	3.4-10mm, 1/2.5", F1.6		3-10mm, 1/2.7", F1.3		2.8-8.5mm, F1.2		3.4-10mm, 1/2.5", F1.6		3.4-10mm, 1/2.5", F1.4	3-10mm, 1/2.7", F1.3		2.8-8.5mm, F1.2	3.4-10mm, 1/2.5", F1.6/F1.4*	0.98mm (Short Axis) 1.12mm (Long Axis)		3.3-8.5mm, F1.2		
Lens Type	Manual Lens (DN Models)	P-Iris Motorized Lens (PM Models)	Manual Lens (DN Models)		P-Iris Motorized Lens (PM Models)		P-Iris Motorized Lens (PM Models)		Manual Lens (DN Models)		P-Iris Motorized Lens (PM Models)		P-Iris Motorized Lens (PM Models)		Manual Lens (DN Models)	P-Iris Motorized Lens (PM Models)		Manual Lens (DN Models)	P-Iris Motorized Lens (PM Models)	
Compression / Multistreaming	H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams	H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams	Motion JPEG, 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams		H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams			H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams		
Network Protocols	TFTP, HTTP, RTSP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/UDP, DHCP, IPv4, IPv6, QoS	TFTP, HTTP, RTSP, RTP/UDP, DHCP		TFTP, HTTP, RTSP, RTP/UDP, DHCP		TFTP, HTTP, RTSP, RTP/UDP, DHCP, IPv4, IPv6, QoS		TFTP, HTTP, RTSP, RTP/UDP, DHCP		TFTP, HTTP, RTSP, RTP/UDP, DHCP		TFTP, HTTP, RTSP, RTP/UDP, DHCP, IPv4, IPv6, QoS		TFTP, HTTP, RTSP, RTP/UDP, DHCP			TFTP, HTTP, RTSP, RTP/UDP, DHCP, IPv4, IPv6, QoS		
Audio / Alarm	Audio: Input / Output Alarm*: 1 Input / 1 Output		Audio: Input / Output Alarm**: 1 Input / 1 Output		Audio: Input / Output Alarm*: 1 Input / 1 Output		Audio: Input / Output Alarm**: 1 Input / 1 Output		Audio: Input / Output Alarm*: 1 Input / 1 Output		Audio: Input / Output Alarm*: 1 Input / 1 Output		Audio: Input / Output Alarm**: 1 Input / 1 Output		Audio: Input / Output Alarm*: 1 Input / 1 Output			Audio: Input / Output Alarm**: 1 Input / 1 Output		
Motion Detection	1024 Zones		1024 Zones		1024 Zones		1024 Zones		1024 Zones		1024 Zones		1024 Zones		1024 Zones			1024 Zones		
Lowlight Mode	Moonlight Mode	STELLAR™	Moonlight Mode		Moonlight Mode		-	-	Moonlight Mode		Moonlight Mode		-	-	Moonlight Mode			-		
Shutter Control	1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms			1ms-500ms		
Privacy Mask	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes			Yes		
Binning Mode	-		-		-		-		47fps/21fps* @ 1024x768, 64fps/27fps* @ 800x600, 64fps/31fps* @ 800x540, 64fps/32fps* @ 640x512		47fps/21fps* @ 1024 x 768, 64fps/27fps* @ 800 x 600, 64fps/31fps* @ 800 x 540, 64fps/32fps* @ 640 x 512		46fps @ 1024 x 768, 64fps @ 960 x 540		21fps @ 1024 x 768, 27fps @ 800 x 600, 31fps @ 800 x 540, 32fps @ 640 x 512			34fps @ 1296 x 972, 41fps @ 1280 x 800, 47fps @ 1024 x 768, 64fps @ 800 x 540, 64fps @ 860 x 540		34fps @ 1296 x 972, 46fps @ 1024 x 768, 64fps @ 960 x 540
Power Over Ethernet (PoE)	PoE 802.3af		PoE 802.3af		PoE 802.3af		PoE 802.3af		PoE 802.3af		PoE 802.3af		PoE 802.3af		PoE 802.3af			PoE 802.3af		
All-weather Rating	-		-		-		-		-		-		-		-			-		
Operating Temp.	-5°C to +50°C		-5°C to +50°C		-5°C to +50°C		-5°C to +50°C		-5°C to +50°C		-5°C to +50°C		-5°C to +50°C		-5°C to +50°C			-5°C to +50°C		
Tamper Resistant Housing	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes			Yes		
Remote Zoom / Remote Focus	-	Yes	-		-		Yes		-		-		Yes		-			Yes		
Corridor/View	-	Yes	-		-		Yes		-		-		Yes		-			Yes		
SD Card Slot	-	-S Models	-		-		-S Models		-		-		-S Models		-			-S Models		
Max. Power Consumption	5 Watts	-PM: 6.6 Watts -PMIR: 8.2 Watts	5 Watts	6 Watts	5 Watts	6 Watts	-PM: 6.7 Watts -PMIR: 8.1 Watts	-PM: 7.8 Watts -PMIR: 9.4 Watts	5.3 Watts	6 Watts	5.3 Watts	6 Watts	-PM: 6.7 Watts -PMIR: 8.1 Watts	-PM: 7.8 Watts -PMIR: 9.4 Watts	5.3 Watts			-PM: 7.1 Watts -PMIR: 8.7 Watts		
Cropped	-	-	-		-		42fps @ 1280 x 1024	41fps @ 1280 x 1024	-		-		29fps @ 1920 x 1080, 41fps @ 1280 x 1024		-			21fps @ 2048 x 1536 29fps @ 1920 x 1080, 41fps @ 1280 x 1024		
IR Illumination for PMIR Models*	-	50 ft (max), 60° and 80° IR angle*	-		-		50 ft (max), 60° and 80° IR angle*		-		-		50 ft (max), 60° and 80° IR angle*		-			50 ft (max), 60° and 80° IR angle*		

Accessories:



LG - Light Gray Dome

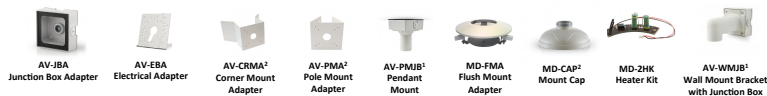
- 01 - Manual Panomorph Lens, True D/N
- * 12 pcs 850nm LED
- **Input (Except PMIR); Output (Except 01-SDA)
- D - Dome or Recessed Dome Model
- *Indoor use only. Compatible with AV-SWMJB & AV-SPMJB only.

PM - Remote Focus/Zoom, P-Iris, True D/N

- PMIR - Remote Focus/Zoom, P-Iris, True D/N, IR LEDs
- S - SD Card Slot, CorridorView™ w/90° Image Flip, Non-Integer Scaling
- A - Audio
- B - Bell Mount

	1.2 - 1.3 Megapixel		1080p		3 Megapixel		5 Megapixel		10 Megapixel	
	AV1255PM	AV1255DN-H	AV2255	AV2256	AV3255	AV3256	AV5255	AV10255		
Image Sensor Type	1.2MP, 1/3" CMOS	1.3MP, 1/2.7" CMOS	1080p, 1/2.7" CMOS	1080p, 1/3.2" CMOS	3MP, 1/2.5" CMOS	3MP, 1/3.2" CMOS	5MP, 1/2.5" CMOS	10MP, 1/2.3" CMOS		
Maximum Resolution	1280 x 960	1280 x 1024	1920 x 1080		2048 x 1536		2592 x 1944	3648 x 2752		
1/4 Resolution	640 (H) x 480 (V)	640 (H) x 512 (V)	960 (H) x 540 (V)		1024 (H) x 768 (V)		1296 (H) x 972 (V)	1824 (H) x 1376 (V)		
Minimum Illumination	Color	0.1 Lux @ F1.2	0.1 Lux @ F1.6	0.1 Lux @ F1.6	0.3 Lux @ F1.6	0.3 Lux @ F1.6	0.3 Lux @ F1.6	0.42 Lux @ F1.4		
	Color Binning	-	-	-	-	0.15 Lux @ F1.6	0.15 Lux @ F1.6	0.21 Lux @ F1.4		
	Day/Night	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux	0 Lux		
IR Sensitive	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Max Frame Rates	42fps (1280x1024)	37fps (1280x960)	30fps (1920x1080)	30fps (1920x1080)	21fps (2048x1536)		14fps (2592x1944)	7fps (3648x2752)		
Dynamic Range	83.5dB	69dB	69dB	WDR up to 100dB	70.1dB	WDR up to 100dB	70.1dB	57.2dB		
True Day / Night	Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated	Yes, Integrated		
Lens	3-9mm, 1/2.7" IR Corrected H-FOV = 92°-31°	3.4-10.5mm, 1/2.5" F1.6, H-FOV 62°-24°	3-9mm, 1/2.7", F1.2, RZ, RF, Auto-Iris, H-FOV = 115°-37°	3-9mm, 1/2.7", F1.2, RZ, RF, P-Iris, H-FOV = 82°-27°	3.6-9mm, 1/2.5", F1.8, RZ, RF, Auto-Iris, H-FOV = 76°-28°	3-9mm, 1/2.7", F1.2, RZ, RF, P-Iris, H-FOV = 87°-29°	3.6-9mm, 1/2.5", F1.8, RZ, RF, Auto-Iris, H-FOV = 96°-36°	4-8mm, 1/2.3", F1.6, RZ, RF, P-Iris, H-FOV = 89°-47°		
Remote Zoom / Remote Focus	Yes	No	2.8-8mm, 1/2.7", F1.2, RZ, RF, P-Iris, H-FOV = 120°-44°	8-22mm, 1/2.7", F1.6, RZ, RF, P-Iris, Telephoto, H-FOV = 30°-12°	2.8-8mm, 1/2.7", F1.2, RZ, RF, P-Iris, H-FOV = 94°-34°	8-22mm, 1/2.7", F1.6, RZ, RF, P-Iris, Telephoto, H-FOV = 32°-12°	3-8mm, 1/2.5", F1.4, RZ, RF, P-Iris, H-FOV = 113°-43°	12-22mm, 1/2.3", F2.2, RZ, RF, P-Iris, Telephoto, H-FOV = 30°-17°		
Lens Type	Motorized	Manual	8-22mm, 1/2.7", F1.6, RZ, RF, P-Iris, Telephoto, H-FOV = 42°-16°	3.4-10.5mm, 1/2.5", F1.6, H-FOV = 68°-26°	3.4-10.5mm, 1/2.5", F1.6, H-FOV = 73°-28°	3.4-10.5mm, 1/2.5", F1.6, H-FOV = 72°-28°	9-22mm, 1/2.5", F2.0, RZ, RF, P-Iris, Telephoto, H-FOV = 38°-16°			
Compression / Multistreaming	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams		H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams	H.264 (MPEG-4, Part 10)/Motion JPEG, 4 non-identical streams		
Network Protocols	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP		
Audio / Alarm	Audio: Microphone in or line in / line output Alarm: 1 Input / 1 Output		Audio: Microphone in or line in / line output Alarm: 1 Input / 1 Output		Audio: Microphone in or line in / line output Alarm: 1 Input / 1 Output		Audio: Microphone in or line in / line output Alarm: 1 Input / 1 Output	Audio: Microphone in or line in / line output Alarm: 1 Input / 1 Output		
Motion Detection	1024 Zones		1024 Zones		1024 Zones		1024 Zones	1024 Zones		
Lowlight Mode	STELLAR™	-	-	-	-	-	-	-		
Shutter Control	1ms-500ms		1ms-500ms		1ms-500ms		1ms-500ms	1ms-500ms		
Privacy Mask	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Binning Mode	-	-	-	-	46fps (1024x768) 27fps (800x600) 31fps (960x540) 64fps (960x540)	21fps (1024x768) 27fps (800x600) 31fps (960x540) 32fps (640x512)	34fps (1296x972) 46fps (1024x768) 43fps (1296x972) 54fps (1024x768)	29fps (1920x1080) 25fps (1824x1376) 43fps (1296x972) 54fps (1024x768)		
Power Over Ethernet	PoE 802.3af		PoE 802.3af		PoE 802.3af		PoE 802.3af	PoE 802.3af		
All-weather Rating	IP66		IP66		IP66		IP66	IP66		
Operating Temp w/ Heater	-40°C to +50°C (40°F to 122°F)		-40°C to +50°C (40°F to 122°F)		-40°C to +50°C (40°F to 122°F)		-40°C to +50°C (40°F to 122°F)	-40°C to +50°C (40°F to 122°F)		
Vandal Resistant	IK10		IK10		IK10		IK10	IK10		
CorridorView (S Models)	90° Image Flip (-S Models)		90° Image Flip (-S Models)		90° Image Flip (-S Models)		90° Image Flip (-S Models)	90° Image Flip (-S Models)		
SD Card Slot	Yes (-S Models)		Yes (-S Models)		Yes (-S Models)		Yes (-S Models)	Yes (-S Models)		
Max. Power Consumption	10.9W (PM-S model); 11.9W (PMIR-S model)	10.2W (DN-H model)	10.2W (DN-H, AM-H models); 12.1W (PMIR-SH model); 14.5W (PMTIR-S model)	6.6W (DN model); 11.3W (PM model); 12.7W (PMIR-S model); 14.2W (PMTIR-S model)	9.9W (DN-H, AM-H models); 12.1W (PMIR-SH model); 14.4W (PMTIR-SH model)	6.6W (DN model); 11.3W (PM model); 12.7W (PMIR-S model); 14.2W (PMTIR-S model)	9.9W (DN-H, AM-H models); 12.1W (PMIR-SH model); 14.4W (PMTIR-SH model)	13W (PMIR-SH model); 13.8W (PMTIR-SH model)		
Cropped	-	-	42fps (1280x1024)	41fps (1280x1024)	29fps (1920x1080) 41fps (1280x1024)	30fps (1920x1080), 31fps (1600x1200), 41fps (1280x1024)	21fps (2048x1536), 29fps (1920x1080), 41fps (1280x1024)	12fps (2592x1944), 18fps (2048x1536) 25fps (1920x1080), 37fps (1280x1024)		
IR Illumination for PMTIR Models*	-	-	120ft (36m) (max) / 30° IR angle		120ft (36m) (max) / 30° IR angle		120ft (36m) (max) / 30° IR angle	120ft (36m) (max) / 30° IR angle		
IR Illumination for PMIR Models*	50ft (15m) (max) / 40° IR angle		50ft (15m) (max) / 40° IR angle		50ft (15m) (max) / 40° IR angle		50ft (15m) (max) / 40° IR angle	50ft (15m) (max) / 40° IR angle		

Accessories:



AM - Remote Focus/Zoom, Auto-Iris, True Day/Night

PM - Wide Angle Lens w/ Remote Focus/Zoom, P-Iris, True D/N

PMT - Telephoto Lens w/ Remote Focus/Zoom, P-Iris, True D/N

DN - Manual Lens, True Day/Night

*Requires MD-CAP; Requires either AV-WMJB or AV-PMJB

IR - IR LEDs

S - SD Card Slot, CorridorView™ w/90° Image Flip, Non-Integer Scaling

A - Audio

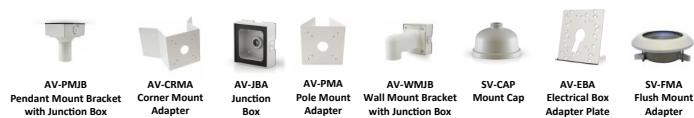
H - Heater (Non-WDR and Non-STELLAR™ Models Only)

* 24 pcs 850nm LED

SurroundVideo IP Megapixel Panoramic Cameras

	5 Megapixel			8 Megapixel		12 Megapixel		20 Megapixel		40 Megapixel	
	NEW!			NEW!	NEW!			NEW!			
	AV5585PM	AV8185	AV8365	AV12585PM	AV12586PM	AV20185	AV20365	AV20585PM	AV40185		
Image Sensor Type	5MP (1.2MP x 4), 1/3" CMOS; 180° Panoramic	8MP (2MP x 4), 1/2" CMOS; 180° Panoramic	8MP (2MP x 4), 1/2" CMOS; 360° Panoramic	12MP (3MP x 4), 1/3" CMOS; 180° Panoramic	12MP (3MP x 4), 1/3.2" CMOS; 180° Panoramic	20MP (5MP x 4), 1/2.5" CMOS; 180° Panoramic	20MP (5MP x 4), 1/2.5" CMOS; 360° Panoramic	20MP (5MP x 4), 1/2.5" CMOS; 180° Panoramic	40MP (10MP x 4), 1/2.3" CMOS; 180° Panoramic		
Maximum Resolution	5120 x 960 (1280 x 960 per sensor)	6400 x 1200 (1600 x 1200 per sensor)		8192 x 1536 (2018 x 1536 per sensor)		10240 x 1920 (2560 x 1920 per sensor)		14592 x 2752 (3648 x 2752 per sensor)			
1/4 Resolution	2560 H x 480 V	3200 H x 600 V		4096 H x 768 V		5120 H x 960 V		5120 H x 960 V		7296 H x 1376 V	
Minimum Illumination	Color: 0.02 Lux Day/Night: 0.002 Lux, IR sensitive	Color: 0.2 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive		Color: 0.2 Lux Color Binning: 0.1 Lux Day/Night: 0.02 Lux, IR Sensitive		Color: 0.3 Lux @ F1.8 Color Binning: 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive		Color: 0.3 Lux Color Binning: 0.15 Lux Day/Night: 0 Lux, IR Sensitive		Color: 0.42 Lux @ F2.4 Color Binning: 0.21 Lux @ F2.4 Day/Night: 0 Lux, IR Sensitive	
Max Frame Rates Per Sensor	12fps @ 5120 x 960 30fps @ 2560 x 480	6fps @ 6400 x 1200 20fps @ 3200 x 600 22fps @ 1600 x 1200		10fps @ 8192 x 1536 14fps @ 4096 x 768		3.5fps @ 10240 x 1920 4.2fps @ 10240 x 1600 11fps @ 2560 x 1920 11fps @ 2560 x 1600		7fps @ 10240 x 1920 10fps @ 5120 x 960		1.5fps @ 114592 x 2752 5.5fps @ 7296 x 1376	
Dynamic Range	83.5dB	61dB	61dB	70.1dB	Up to 100dB	70.1dB		57.2dB			
True Day / Night	Yes, Integrated	Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated		Yes, Integrated	
Lens	5.6mm x 4, F1.2	8mm x 4, F1.8	4mm x 4, F1.8	5.3mm x 4, F1.2	5.3mm x 4, F1.2	6.2mm x 4, F1.8	3.5mm x 4, F1.8	6.7mm x 4, F1.2	7.2mm x 4, F2.4		
Compression / Multistreaming	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)		H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)		H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)		H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)		H.264 (MPEG-4, Part 10) Motion JPEG, 8 Non-Identical Streams (2 per sensor)	
Network Protocols	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4		RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, QoS, IPv4		RTSP, RTP/TCP, RTP/UDP, QoS, HTTP, DHCP, TFTP, IPv4	
Alarm	1 Input / 1 Output	1 Input / 1 Output		1 Input / 1 Output		1 Input / 1 Output		1 Input / 1 Output		1 Input / 1 Output	
Motion Detection	1024 Zones (per sensor)	1024 Zones (per sensor)		1024 Zones (per sensor)		1024 Zones (per sensor)		1024 Zones (per sensor)		1024 Zones (per sensor)	
Lowlight Mode	STELLAR™	-		-		-		-		-	
Shutter Control	1ms–500ms	1ms–500ms		1ms–500ms		1ms–500ms		1ms–500ms		1ms–500ms	
Privacy Mask	Yes	Yes		Yes		Yes		Yes		Yes	
Binning Mode ¹	-	-		Yes		Yes		Yes		Yes	
Power Over Ethernet (PoE)	PoE 802.3af	PoE 802.3af		PoE 802.3af		PoE 802.3af		PoE 802.3af		PoE 802.3af	
All-weather Rating	IP66	IP66		IP66		IP66		IP66		IP66	
Operating Temp.	-40°F to 122°F (-40°C to +50°C)	-40°F to 122°F (-40°C to +50°C)		-40°F to 122°F (-40°C to +50°C)		-40°F to 122°F (-40°C to +50°C)		-40°F to 122°F (-40°C to +50°C)		-40°F to 122°F (-40°C to +50°C)	
Vandal Resistant	IK-10	IK-10		IK-10		IK-10		IK-10		IK-10	
Remote Focus / P-Iris	Yes	-		Yes		-		Yes		-	
Max. Auxiliary Power Consumption	10 Watts	9 Watts	9 Watts	11.2 Watts	14.4 Watts	9 Watts	9 Watts	13.9 Watts	11.7 Watts		

Accessories:



¹Binning mode combines four pixels into a single pixel for increased low light sensitivity.

SurroundVideo Omni IP MP Cameras

SurroundVideo Mini IP MP Cameras

	12 Megapixel			20 Megapixel			12 Megapixel	
	Coming Soon!	Coming Soon!		Coming Soon!				
	AV12275DN-NL /-28 /-08	AV12276DN-NL /-28 /-08	AV12176DN-NL /-28 /-08	AV20275DN-NL /-28 /-08	AV20175DN-NL /-28 /-08	AV12186DN	AV12366DN	
Image Sensor Type	12MP (3MP x 4), 1/3" CMOS	12MP (3MP x 4), 1/3" CMOS	12MP (3MP x 4), 1/3.2" CMOS	20MP (5MP x 4), 1/2.5" CMOS	20MP (5MP x 4), 1/2.5" CMOS	12MP (3MP x 4), 1/3.2" CMOS; 180° Panoramic	12MP (3MP x 4), 1/3.2" CMOS; 360° Panoramic	
Maximum Resolution	8192 x 1536 (2048 x 1536 per sensor)	8192 x 1536 (2048 x 1536 per sensor)	8192 x 1536 (2048 x 1536 per sensor)	10240 x 1920 (2560 x 1920 per sensor)	10240 x 1920 (2560 x 1920 per sensor)	8192 x 1536 (2048 x 1536 per sensor)	8192 x 1536 (2048 x 1536 per sensor)	
1/4 Resolution	4096 H x 768 V	4096 H x 768 V	4096 H x 768 V	5120 H x 960 V	5120 H x 960 V	4096 H x 768 V	4096 H x 768 V	
Minimum Illumination	Color: 0.2 Lux Color Bining: 0.1 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.2 Lux Color Bining: 0.1 Lux Day/Night: 0.02 Lux, IR Sensitive	Color: 0.5 Lux @ F1.6 Color Bining: 0.15 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive	Color: 0.3 Lux Color Bining: 0.15 Lux Day/Night: 0.15 Lux, IR Sensitive	Color: 0.3 Lux @ F1.6 Color Bining: 0.15 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive	Color: 0.5 Lux @ F2.0 Color Bining: 0.25 Lux @ F2.0 Day/Night: 0 Lux, IR Sensitive	Color: 0.5 Lux @ F2.0 Color Bining: 0.25 Lux @ F2.0 Day/Night: 0 Lux, IR Sensitive	
Max Frame Rates Per Sensor	10fps @ 8192 x 1536	10fps @ 8192 x 1536	5.2fps @ 8192 x 1536	7fps @ 10240 x 1920	3.5fps @ 10240 x 1920	5.2fps @ 8192 x 1536	5.2fps @ 8192 x 1536	
Dynamic Range	69.5	100dB	Up to 100dB	70.1dB	70.1dB	Up to 100dB	Up to 100dB	
True Day / Night	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	
Lens	2.8mm x 4, F1.8 (-28 model) 8mm x 4, F1.6 (-08 model)	2.8mm x 4, F1.8 (-28 model) 8mm x 4, F1.6 (-08 model)	2.8mm x 4, F1.8 (-28 model) 8mm x 4, F1.6 (-08 model)	2.8mm x 4, F1.6 (-28 model) 8mm x 4, F1.6 (-08 model)	2.8mm x 4, F1.6 (-28 model) 8mm x 4, F1.6 (-08 model)	5.4mm x 4, F2.0	2.6mm x 4, F2.0	
Compression / Multistreaming	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)	H.264 (MPEG-4, Part 10)/Motion JPEG, 8 non-identical streams (2 per sensor)	
Network Protocols	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, IPv4, IPv6, QoS	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, IPv4, IPv6, QoS	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, IPv4	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, IPv4, IPv6, QoS	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, IPv4	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP	RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP	
Alarm	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	1 Input / 1 Output	
Motion Detection	1024 Zones (per sensor)	1024 Zones (per sensor)	1024 Zones (per sensor)	1024 Zones (per sensor)	1024 Zones (per sensor)	1024 Zones (per sensor)	1024 Zones (per sensor)	
Lowlight Mode	-	-	-	-	-	-	-	
Shutter Control	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	
Privacy Mask	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Binning Mode ¹	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Power Over Ethernet (PoE)	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	PoE 802.3af	
All-weather Rating	IP66	IP66	IP66	IP66	IP66	IP66	IP66	
Operating Temp.	-40°F to 122°F (-40°C to +50°C)	-40°F to 122°F (-40°C to +50°C)	-40°F to 122°F (-40°C to +50°C)	-40°F to 122°F (-40°C to +50°C)	-40°F to 122°F (-40°C to +50°C)	-40°F to 122°F (-40°C to +50°C)	-40°F to 122°F (-40°C to +50°C)	
Vandal Resistant	IK-10	IK-10	IK-10	IK-10	IK-10	IK-10	IK-10	
Remote Focus	Yes	Yes	-	Yes	-	-	-	
Max. Auxiliary Power Consumption	14 Watts	14 Watts	14 Watts	14 Watts	14 Watts	14 Watts	14 Watts	

Accessories:



¹Binning mode combines four pixels into a single pixel for increased low light sensitivity.

² SurroundVideo Omni only

³ 12MP SurroundVideo Panoramic only

⁴ SurroundVideo Omni only (MPM2.1 lens for 12MP models only). For an improved design, the MPM2.8, MPM4.0, and MPM12.0 lenses changed part numbers (MPM2.8A, MPM4.0A, and MPM12.0A). The new lens models are backward compatible with the SurroundVideo Omni.