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	 AV1455DN-F / -S	 AV2455DN-F / -S	 AV2456DN-F / -S	 AV3455DN-F / -S	 AV3456DN-F / -S	 AV5455DN-F / -S
Category	All-in-one Camera	All-in-one Camera	All-in-one Camera	All-in-one Camera	All-in-one Camera	All-in-one Camera
Image Sensor	1.3MP, 1/2.7" CMOS	2.07MP, 1/2.7" CMOS	2.07MP, 1/3.2" CMOS	3MP, 1/2.5" CMOS	3MP, 1/3.2" CMOS	5MP, 1/2.5" CMOS
Max Resolution <small>(Horizontal x Vertical)</small>	1280 x 1024	1920 x 1080	1920 x 1080	2048 x 1536	2048 x 1536	2592 x 1944
Minimum Illumination	Color: 0.1 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive	Color: 0.3 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive	Color: 0.3 Lux @ F1.6 Color Binning: 0.15 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive	Color: 0.5 Lux @ F1.6 Color Binning: 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color: 0.5 Lux @ F1.6 Color Binning: 0.15 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive
Full Field-of-View Resolution <small>(Horizontal x Vertical)</small>	1280 x 1024 - 1.3MP 640 x 512 - 1/4 Resolution	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	2592 x 1944 - 5MP 1296 x 972 - 1/4 Resolution
Max Frame Rates	42fps @ 1280 x 1024	31fps @ 1920 x 1080	30fps @ 1920 x 1080	21fps @ 2048 x 1536	21fps @ 2048 x 1536	14fps @ 2592 x 1944
Dynamic Range	69dB	69dB	Up to 100dB	70.1dB	Up to 100dB	70.1dB
Day/Night (IR Cut Filter)	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated	Yes, Integrated
Lens (Integrated)	4mm, F1.6	4mm, F1.6	4mm, F1.6	4mm, F1.6	4mm, F1.6	4mm, F1.6
Compression Type	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG
Compression Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP
Audio	Integrated Microphone (-F Models)	Integrated Microphone (-F Models)	Integrated Microphone (-F Models)	Integrated Microphone (-F Models)	Integrated Microphone (-F Models)	Integrated Microphone (-F Models)
Multi-Streaming	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams
Multi-Casting	Yes	Yes	Yes	Yes	Yes	Yes
Motion Detection	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones
Moonlight Mode	Yes	Yes	Yes	Yes	Yes	Yes
Electronic PTZ	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows
Electronic Image Flip	180°	180°	180°	180°	180°	180°
Shutter Control	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms
Privacy Mask	Yes	Yes	Yes	Yes	Yes	Yes
Binning Mode	-	-	-	Yes	Yes	Yes
I/O	General purpose opto-coupled	General purpose opto-coupled	General purpose opto-coupled	General purpose opto-coupled	General purpose opto-coupled	General purpose opto-coupled
Power	PoE: PoE 802.3af	PoE: PoE 802.3af	PoE: PoE 802.3af	PoE: PoE 802.3af	PoE: PoE 802.3af	PoE: PoE 802.3af
Weather Proofing Standard	IP66 (-S Models)	IP66 (-S Models)	IP66 (-S Models)	IP66 (-S Models)	IP66 (-S Models)	IP66 (-S Models)
Temperature Specification	-20° C to +50° C	-20° C to +50° C	-20° C to +50° C	-20° C to +50° C	-20° C to +50° C	-20° C to +50° C
Vandal Resistant	IK-10	IK-10	IK-10	IK-10	IK-10	IK-10
Camera Positioning	359° pan and 90° tilt	359° pan and 90° tilt	359° pan and 90° tilt	359° pan and 90° tilt	359° pan and 90° tilt	359° pan and 90° tilt
Accessories/Housings	Wall Mount and Pendant Mount	Wall Mount and Pendant Mount	Wall Mount and Pendant Mount	Wall Mount and Pendant Mount	Wall Mount and Pendant Mount	Wall Mount and Pendant Mount
Control Software	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200
Regulatory Compliance	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE
Industry Standard	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF
Dimensions	Ø 2" bubble x 1.5" H (-F) Ø 2" bubble x 2.6" H (-S)	Ø 2" bubble x 1.5" H (-F) Ø 2" bubble x 2.6" H (-S)	Ø 2" bubble x 1.5" H (-F) Ø 2" bubble x 2.6" H (-S)	Ø 2" bubble x 1.5" H (-F) Ø 2" bubble x 2.6" H (-S)	Ø 2" bubble x 1.5" H (-F) Ø 2" bubble x 2.6" H (-S)	Ø 2" bubble x 1.5" H (-F) Ø 2" bubble x 2.6" H (-S)






	SurroundVideo® 12MP 180° WDR	SurroundVideo® 360° Cameras			SurroundVideo® 180° Cameras	
						
	AV12186DN	AV8365 Models	AV20365 Models	AV8185 Models	AV20185 Models	AV40185 Models
Category	All-in-One 180° WDR Panoramic Camera	All-in-One 360° Panoramic Camera	All-in-One 360° Panoramic Camera	All-in-One 180° Panoramic Camera	All-in-One 180° Panoramic Camera	All-in-One 180° Panoramic Camera
Image Sensor	4 x 3MP, 1/3.2" CMOS 12MP Total	4 x 2MP, 1/2" CMOS 8MP Total	4 x 5MP, 1/2.5" CMOS 20MP Total	4 x 2MP, 1/2" CMOS 8MP Total	4 x 5MP, 1/2.5" CMOS 20MP Total	4 x 10MP, 1/2.3" CMOS 40MP Total
Max Resolution (Horizontal x Vertical)	2048 x 1536 (Each Sensor) 8192 x 1536 (Total)	1600 x 1200 (Each Sensor) 6400 x 1200 (Total)	2560 x 1920 (Each Sensor) 10240 x 1920 (Total)	1600 x 1200 (Each Sensor) 6400 x 1200 (Total)	2560 x 1920 (Each Sensor) 10240 x 1920 (Total)	3648 x 2752 (Each Sensor) 14592 x 2752 (Total)
Minimum Illumination	Color (Non-Binning): 0.5 Lux @ F2.0 Color (Binning): 0.25 Lux @ F2.0 Day/Night: 0 Lux, IR Sensitive	Color: 0.2 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive (DN Version)	Color (Non-Binning): 0.3 Lux @ F1.8 Color (Binning): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive (DN Version)	Color: 0.2 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive (DN Version)	Color (Non-Binning): 0.3 Lux @ F1.8 Color (Binning): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive (DN Version)	Color (Non-Binning): 0.42 Lux @ F2.4 Color (Binning): 0.21 Lux @ F2.4 Day/Night: 0 Lux, IR Sensitive (DN Version)
Full Field-of-View Resolution (Horizontal x Vertical)	(4x) 2048 x 1536 - 12MP (4x) 1024 x 768 - 1/4 Resolution	(4x) 1600 x 1200 - 8MP (4x) 800 x 600 - 1/4 Resolution	(4x) 2560 x 1920 - 20MP (4x) 1280 x 960 - 1/4 Resolution	(4x) 1600 x 1200 - 8MP (4x) 800 x 600 - 1/4 Resolution	(4x) 2560 x 1920 - 20MP (4x) 1280 x 960 - 1/4 Resolution	(4x) 3648 x 2752 - 40MP (4x) 1824 x 1376 - 1/4 Resolution
Max Frame Rates	5.2fps @ 8192 x 1536 16.7fps @ 4096 x 768	6fps @ 6400 x 1200 20fps @ 3200 x 600 22fps @ 1600 x 1200	3.5fps @ 10240 x 1920 4.2fps @ 10240 x 1600 11fps @ 2560 x 1920 11fps @ 2560 x 1600 13fps @ 5120 x 960 (Binning) 27fps @ 2560 x 480 (Binning)	6fps @ 6400 x 1200 20fps @ 3200 x 600 22fps @ 1600 x 1200	3.5fps @ 10240 x 1920 4.2fps @ 10240 x 1600 11fps @ 2560 x 1920 11fps @ 2560 x 1600 13fps @ 5120 x 960 (Binning) 27fps @ 2560 x 480 (Binning)	1.5fps @ 114592 x 2752 5.5fps @ 7296 x 1376 (Binning) 6.5fps @ 7296 x 1376 (Binning)
Dynamic Range	Up to 100dB at Full Resolution	61dB	70.1dB	61dB	70.1dB	57.2dB
Day/Night (IR Cut Filter)	Yes	'DN' Version	'DN' Version	'DN' Version	'DN' Version	Yes
Auto/Iris (DC)	-	-	-	-	-	-
Lens (Integrated)	Megapixel Fixed Focal Lens F2.0, IR Corrected	Megapixel Fixed Focal Lens 4mm, F1.8, IR Corrected	5-Megapixel Fixed Focal Lens 3.5mm, F1.8, IR Corrected	Megapixel Fixed Focal Lens 8mm, F1.8, IR Corrected	5-Megapixel Fixed Focal Lens 6.2mm, F1.8, IR Corrected	10-Megapixel Fixed Focal Lens 7.2mm, F2.4, IR Corrected
Compression Type	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG
Compression Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP
Audio	-	-	-	-	-	-
Multi-Streaming	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams
Multi-Casting	Yes	Yes	Yes	Yes	Yes	Yes
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
Moonlight Mode	Yes	Yes	Yes	Yes	Yes	Yes
Electronic PTZ	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows
Electronic Image Flip	180°	180°	180°	180°	180°	180°
Shutter Control	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms
Privacy Mask	Yes	Yes	Yes	Yes	Yes	Yes
Binning Mode	Yes	-	Yes	-	Yes	Yes
I/O	1/1	1/1	1/1	1/1	1/1	1/1
Power	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 11 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9 Watts Max
Weather Proofing Standard	IP66	IP66	IP66	IP66	IP66	IP66
Heater (Integrated)	-	'HB' Versions: 11W Heater, Separate DC 12V Input 13W Heater, Separate AC 24V Input	'HB' Versions: 11W Heater, Separate DC 12V Input 13W Heater, Separate AC 24V Input	'HB' Versions: 11W Heater, Separate DC 12V Input 13W Heater, Separate AC 24V Input	'HB' Versions: 11W Heater, Separate DC 12V Input 13W Heater, Separate AC 24V Input	'HB' Versions: 11W Heater, Separate DC 12V Input 13W Heater, Separate AC 24V Input
Temperature Specification	-40°-50° C	-20°-50° C -40°-50° C (w/Heater/Blower)	-20°-50° C -40°-50° C (w/Heater/Blower)	-20°-50° C -40°-50° C (w/Heater/Blower)	-20°-50° C -40°-50° C (w/Heater/Blower)	-20°-50° C -40°-50° C (w/Heater/Blower)
Vandal Resistant	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated
Camera Positioning	3-Axis Gimbal with 360° Pan, 180° Tilt, 360° Z-Rotation	2-Axis Gimbal with 360° Pan, 180° Tilt	2-Axis Gimbal with 360° Pan, 180° Tilt	2-Axis Gimbal with 360° Pan, 180° Tilt	2-Axis Gimbal with 180° Pan, 180° Tilt	2-Axis Gimbal with 180° Pan, 180° Tilt
Accessories/Housings	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	SV-WMT: Wall Mount SV-CMT: Pendant Mount SV-FMA: Flush Mount Adapter MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	SV-WMT: Wall Mount SV-CMT: Pendant Mount SV-FMA: Flush Mount Adapter MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	SV-WMT: Wall Mount SV-CMT: Pendant Mount SV-FMA: Flush Mount Adapter MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	SV-WMT: Wall Mount SV-CMT: Pendant Mount SV-FMA: Flush Mount Adapter MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	SV-WMT: Wall Mount SV-CMT: Pendant Mount SV-FMA: Flush Mount Adapter MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter
Control Software	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200
Regulatory Compliance	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE
Industry Standard	ONVIF	ONVIF	ONVIF	ONVIF	ONVIF	ONVIF
Dimensions	Ø 5.5" x 4.9" H	Ø 6.9" x 6.55" H	Ø 6.9" x 6.55" H	Ø 6.9" x 6.55" H	Ø 6.9" x 6.55" H	Ø 6.9" x 6.55" H

	MegaDome® 2 Motorized WDR Cameras		MegaDome® 2 Motorized Cameras					
	AV2256PM Models	AV3256PM Models	AV1255AM Models	AV2255AM Models	AV3255AM Models	AV5255AM Models	AV10255AM Models	
Category	All-in-One Dome Camera w/ Motorized P-Iris Lens	All-in-One Dome Camera w/ Motorized P-Iris Lens	All-in-One Dome w/ Motorized Lens	All-in-One Dome w/ Motorized Lens	All-in-One Dome w/ Motorized Lens	All-in-One Dome w/ Motorized Lens	All-in-One Dome w/ Motorized Lens	
Image Sensor	2.07MP, 1/3.2" CMOS	3MP, 1/3.2" CMOS	1.3MP, 1/2.7" CMOS	2.07MP, 1/2.7" CMOS	3MP, 1/2.5" CMOS	5MP, 1/2.5" CMOS	10MP, 1/2.3" CMOS	
Max Resolution (Horizontal x Vertical)	1920 x 1080	2048 x 1536	1280 x 1024	1920 x 1080	2048 x 1536	2592 x 1944	Mode 1: 3648 x 2752 Mode 2: 1920 x 1080	
Minimum Illumination	Color: 0.3 Lux @ F1.2 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.2 Color (Binned): 0.15 Lux @ F1.2 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.2 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.2 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.8 Color (Binned): 0.15 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.8 Color (Binned): 0.15 Lux @ F1.8 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.42 Lux @ F1.4 Color (Binned): 0.21 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	
Full Field-of-View Resolution (Horizontal x Vertical)	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	1280 x 1024 - 1.3MP 640 x 512 - 1/4 Resolution	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	2592 x 1944 - 5MP 1296 x 968 - 1/4 Resolution	3648 x 2752 - 10MP 1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	
Max Frame Rates	30fps @ 1920 x 1080 41fps @ 1280 x 1024	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 21fps @ 1024 x 768 (Binning) 27fps @ 800 x 600 (Binning) 31fps @ 860 x 540 (Binning) 32fps @ 640 x 512 (Binning)	42fps @ 1280 x 1024	32fps @ 1920 x 1080 42fps @ 1280 x 1024	21fps @ 2048 x 1536 31fps @ 1600 x 1200 29fps @ 1920 x 1080 41fps @ 1280 x 1024 47fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 960 x 540 (Binning) 64fps @ 640 x 512 (Binning)	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 34fps @ 1296 x 972 (Binning) 41fps @ 1280 x 800 (Binning) 47fps @ 1024 x 768 (Binning) 64fps @ 960 x 540 (Binning) 64fps @ 640 x 512 (Binning)	7fps @ 3648 x 2752 12fps @ 2592 x 1944 18fps @ 2048 x 1536 25fps @ 1920 x 1080 37fps @ 1280 x 1024 29fps @ 1920 x 1080 (Binning) 26fps @ 1824 x 1376 (Binning) 43fps @ 1296 x 972 (Binning) 54fps @ 1024 x 768 (Binning)	
Dynamic Range	Up to 100dB at Full Resolution	Up to 100dB at Full Resolution	69dB	69dB	70.1dB	70.1dB	57.2dB	
Day/Night (IR Cut Filter)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Auto/Iris (DC)	Yes / P-Iris	Yes / P-Iris	Yes	Yes	Yes	Yes	Yes	
Lens (Integrated)	Megapixel Vari-Focal Lens 3-9mm, F1.2 H-FOV = 82°-27°	Megapixel Vari-Focal Lens 3-9mm, F1.2 H-FOV = 87°-29°	Megapixel Motorized Lens 3mm-9mm, F1.2, IR Corrected	Megapixel Motorized Lens 3mm-9mm, F1.2, IR Corrected	Megapixel Motorized Lens 3.6mm-9mm, F1.8, IR Corrected	Megapixel Motorized Lens 3.6mm-9mm, F1.8, IR Corrected	Megapixel Motorized Lens 4.7mm-9mm, F1.8, IR Corrected	
Compression Type	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	
Compression Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	
Audio	-	Yes (-A Version)	-	Yes (-A Version)	-	Yes (-A Version)	-	
Multi-Streaming	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	4 Non-Identical Streams	8 Non-Identical Streams	
Multi-Casting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Motion Detection	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	
Moonlight Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Electronic PTZ	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	
Electronic Image Flip	Yes	Yes	180°	180°	180°	180°	180°	
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	-	Yes	-	-	Yes	Yes	Yes	
I/O	1/1	1/1	1/1	1/1	1/1	1/1	1/1	
Power	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 10.1 Watts Max (Base Model) 12.1 Watts Max (IR)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 10.1 Watts Max (Base Model) 12.1 Watts Max (IR)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9.7 Watts Max (Base Model) 12.3 Watts Max (IR w/Heater)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9.7 Watts Max (Base Model) 12.3 Watts Max (IR w/Heater)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9.7 Watts Max (Base Model) 12.4 Watts Max (IR w/Heater)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9.7 Watts Max (Base Model) 12.4 Watts Max (IR w/Heater)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 9.7 Watts Max (Base Model) 12.4 Watts Max (IR w/Heater)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 4.6 Watts Max (Base Model) 12.3 Watts Max (IR w/Heater)
Weather Proofing Standard	-	-	IP66	IP66	IP66	IP66	IP66	
Heater (Integrated)	-	-	'H' Versions: 2.28W Heater (PoE)	'H' Versions: 2.28W Heater (PoE)	'H' Versions: 2.28W Heater (PoE)	'H' Versions: 2.28W Heater (PoE)	'H' Versions: 2.28W Heater (PoE)	
Temperature Specification	-40°-50° C	-40°-50° C	-20°-50° C -40°-50° C (w/Heater)	-20°-50° C -40°-50° C (w/Heater)	-20°-50° C -40°-50° C (w/Heater)	-20°-50° C -40°-50° C (w/Heater)	-20°-50° C -40°-50° C (w/Heater)	
Vandal Resistant	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	
Camera Positioning	3-Axis Gimbal, 360° Pan, 180° Tilt, 360° Z-Rotation	3-Axis Gimbal, 360° Pan, 180° Tilt, 360° Z-Rotation	3-Axis Gimbal with 360° Pan, 90° Tilt, 360° Z-Rotation	3-Axis Gimbal with 360° Pan, 90° Tilt, 360° Z-Rotation	3-Axis Gimbal with 360° Pan, 90° Tilt, 360° Z-Rotation	3-Axis Gimbal with 360° Pan, 90° Tilt, 360° Z-Rotation	3-Axis Gimbal with 360° Pan, 90° Tilt, 360° Z-Rotation	
Accessories/Housings	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter
Control Software	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	
Regulatory Compliance	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	
Industry Standard	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	
Dimensions	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	

	MegaDome® 2 Manual WDR			MegaDome® 2 Manual		
	 AV2256DN Models	 AV3256DN Models	 AV1255DN Models	 AV2255DN Models	 AV3255DN Models	 AV5255DN Models
Category	All-in-One Dome Camera	All-in-One Dome Camera	All-in-One Dome Camera	All-in-One Dome Camera	All-in-One Dome Camera	All-in-One Dome Camera
Image Sensor	2.07MP, 1/3.2" CMOS	3MP, 1/3.2" CMOS	1.3MP, 1/2.7" CMOS	2.07MP, 1/2.7" CMOS	3MP, 1/2.5" CMOS	5MP, 1/2.5" CMOS
Max Resolution (Horizontal x Vertical)	1920 x 1080	2048 x 1536	1280 x 1024	1920 x 1080	2048 x 1536	2592 x 1944
Minimum Illumination	Color: 0.1 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.6 Color (Binned): 0.15 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.6 Color (Binned): 0.15 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.6 Color (Binned): 0.15 Lux @ F1.6 Day/Night: 0 Lux, IR Sensitive
Full Field-of-View Resolution (Horizontal x Vertical)	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1636 - 3MP 1024 x 768 - 1/4 Resolution	1280 x 1024 - 1.3MP 640 x 512 - 1/4 Resolution	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1636 - 3MP 1024 x 768 - 1/4 Resolution	2592 x 1944 - 5MP 1296 x 968 - 1/4 Resolution
Max Frame Rates	30fps @ 1920 x 1080 41fps @ 1280 x 1024	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 21fps @ 1024 x 768 (Binning) 27fps @ 800 x 600 (Binning) 31fps @ 860 x 540 (Binning) 32fps @ 640 x 512 (Binning)	42fps @ 1280 x 1024	32fps @ 1920 x 1080 42fps @ 1280 x 1024	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 47fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 860 x 540 (Binning) 64fps @ 640 x 512 (Binning)	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 34fps @ 1286 x 972 (Binning) 41fps @ 1280 x 800 (Binning) 47fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 860 x 540 (Binning)
Dynamic Range	Up to 100dB at Full Resolution	Up to 100dB at Full Resolution	69dB	69dB	70.1dB	70.1dB
Day/Night (IR Cut Filter)	Yes	Yes	Yes	Yes	Yes	Yes
Auto/Iris (DC)	-	-	-	-	-	-
Lens (Integrated)	Megapixel Vari-Focal Lens 3.4-10.5mm, 1/2.5", F1.6, H-FOV = 68°-26°	Megapixel Vari-Focal Lens 3.4-10.5mm, 1/2.5", F1.6, H-FOV = 72°-28°	Megapixel Vari-Focal Lens 3.4-10.5mm, 1/2.5", F1.6, H-FOV = 62°-24°	Megapixel Vari-Focal Lens 3.4-10.5mm, 1/2.5", F1.6, H-FOV = 70°-36°	Megapixel Vari-Focal Lens 3.4-10.5mm, 1/2.5", F1.6, H-FOV = 92°-28°	Megapixel Vari-Focal Lens 3.4-10.5mm, 1/2.5", F1.6, H-FOV = 92°-36°
Compression Type	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG
Compression Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP
Audio	-	-	-	-	-	-
Multi-Streaming	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams
Multi-Casting	Yes	Yes	Yes	Yes	Yes	Yes
Motion Detection	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones
Moonlight Mode	Yes	Yes	Yes	Yes	Yes	Yes
Electronic PTZ	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows
Electronic Image Flip	Yes	Yes	Yes	Yes	Yes	Yes
Shutter Control	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms
Privacy Mask	Yes	Yes	Yes	Yes	Yes	Yes
Binning Mode	-	Yes	-	-	Yes	Yes
I/O	1/1	1/1	1/1	1/1	1/1	1/1
Power	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6.6 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6.6 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6.1 Watts Max 10.1 Watts Max (w/Heater)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6.1 Watts Max 10.1 Watts Max (w/Heater)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6.1 Watts Max 10.3 Watts Max (w/Heater)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6.1 Watts Max 10.3 Watts Max (w/Heater)
Weather Proofing Standard	-	-	-	-	-	-
Heater (Integrated)	-	-	-	-	-	-
Temperature Specification	-20°-50°C / -40°-50°C (w/ Heater)	-20°-50°C / -40°-50°C (w/ Heater)	-20°-50°C / -40°-50°C (w/ Heater)	-20°-50°C / -40°-50°C (w/ Heater)	-20°-50°C / -40°-50°C (w/ Heater)	-20°-50°C / -40°-50°C (w/ Heater)
Vandal Resistant	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated	Yes, IK-10 Rated
Camera Positioning	3-Axis Gimbal, 360° Pan, 180° Tilt, 360° Z-Rotation	3-Axis Gimbal, 360° Pan, 180° Tilt, 360° Z-Rotation	3-Axis Gimbal, 360° Pan, 180° Tilt, 360° Z-Rotation	3-Axis Gimbal, 360° Pan, 180° Tilt, 360° Z-Rotation	3-Axis Gimbal, 360° Pan, 180° Tilt, 360° Z-Rotation	3-Axis Gimbal, 360° Pan, 180° Tilt, 360° Z-Rotation
Accessories/Housings	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CRMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD2-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter
Control Software	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200
Regulatory Compliance	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE
Industry Standard	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF
Dimensions	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H	Ø 5.5" x 4.9" H

	MegaBall® / MegaBall® 2 WDR Series			MegaBall® / MegaBall® 2 Series		
						
	AV2146 & AV2246 Models	AV3146 & AV3246 Models	AV1145 & AV1245 Models	AV2145 & AV2245 Models	AV3145 & AV3245 Models	AV5145 & AV5245 Models
Category	All-in-One Ball Camera w/ Motorized P-Iris Lens (PM Models) w/ Manual Lens (DN Models)	All-in-One Ball Camera w/ Motorized P-Iris Lens (PM Models) w/ Manual Lens (DN Models)	All-in-One Ball Camera w/ Motorized P-Iris Lens (PM Models) w/ Manual Lens (DN Models)	All-in-One Ball Camera w/ Motorized P-Iris Lens (PM Models) w/ Manual Lens (DN Models)	All-in-One Ball Camera w/ Motorized P-Iris Lens (PM Models) w/ Manual Lens (DN Models)	All-in-One Ball Camera w/ Motorized P-Iris Lens (PM Models) w/ Manual Lens (DN Models)
Image Sensor	2.07MP, 1/3.2" CMOS	3MP, 1/3.2" CMOS	1.3MP, 1/2.7" CMOS	2.07 MP, 1/2.7" CMOS	3MP, 1/2.5" CMOS	5MP, 1/2.5" CMOS
Max Resolution (Horizontal x Vertical)	1920 x 1080	2048 x 1536	1280 x 1024	1920 x 1080	2048 x 1536	2592 x 1944
Minimum Illumination	Color: 0.1 Lux @ F1.3 Day/Night: 0 Lux, IR sensitive	Color (Non-Binned): 0.3 Lux @ F1.3 Color (Binned): 0.15 Lux @ F1.3 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.3 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.3 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.4 Color (Binned): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.4 Color (Binned): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive
Full Field-of-View Resolution (Horizontal x Vertical)	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	1280 x 1024 - 1.3MP 640 x 512 - 1/4 Resolution	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	2592 x 1944 - 5MP 1296 x 972 - 1/4 Resolution
Max Frame Rates	30fps @ 1920 x 1080 41fps @ 1280 x 1024	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 21fps @ 1024 x 768 (Binning) 27fps @ 800 x 600 (Binning) 31fps @ 860 x 540 (Binning) 32fps @ 640 x 512 (Binning)	42fps @ 1280 x 1024	31fps @ 1920 x 1080 42fps @ 1280 x 1024	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 47fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 860 x 540 (Binning) 64fps @ 640 x 512 (Binning)	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 34fps @ 1286 x 972 (Binning) 41fps @ 1280 x 800(Binning) 47fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 860 x 540 (Binning)
Dynamic Range	Up to 100dB at Full Resolution	Up to 100dB at Full Resolution	69dB	69dB	70.1dB	70.1dB
Day/Night (IR Cut Filter)	Yes	Yes	Yes	Yes	Yes	Yes
Auto Iris	P-Iris (PM models)	P-Iris (PM models)	P-Iris (PM models)	P-Iris (PM models)	P-Iris (PM models)	P-Iris (PM models)
Manual Lens (Integrated)	Megapixel Motorized Lens (PM models) 3-10mm, 1/2.7", F1.3, H-FOV = 81°-26° Megapixel Manual Lens (DN models) 3.4-10mm, 1/2.5", F1.6	Megapixel Motorized Lens (PM models) 3-10mm, 1/2.7", F1.3, H-FOV = 86°-28° Megapixel Manual Lens (DN models) 3.4-10mm, 1/2.5", F1.6	Megapixel Motorized Lens (PM models) 3-10mm, 1/2.7", F1.3, H-FOV = 78°-24° Megapixel Manual Lens (DN models) 3.4-10mm, 1/2.5", F1.6	Megapixel Motorized Lens (PM models) 3-10mm, 1/2.7", F1.3, H-FOV = 117°-36° Megapixel Manual Lens (DN models) 3.4-10mm, 1/2.5", F1.6	Megapixel Motorized Lens (PM models) 3.4-10mm, 1/2.5", F1.4, H-FOV = 81°-26° Megapixel Manual Lens (DN models) 3.4-10mm, 1/2.5", F1.6	Megapixel Motorized Lens (PM models) 3.4-10mm, 1/2.5", F1.4, H-FOV = 102°-35° Megapixel Manual Lens (DN models) 3.4-10mm, 1/2.5", F1.6
Compression Type	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG
Compression Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels
Network Protocols	TFTP, HTTP, RTSP, RTP/TCR, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCR, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCR, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCR, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCR, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCR, RTP/UDP, DHCP
Audio	-	-A Version	-	-A Version	-	-A Version
Multi-Streaming	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams
Multi-Casting	Yes	Yes	Yes	Yes	Yes	Yes
Motion Detection	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones
Moonlight Mode	Yes	Yes	Yes	Yes	Yes	Yes
Electronic PTZ	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows
Electronic Image Flip	Yes	Yes	Yes	Yes	Yes	Yes
Shutter Control	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms
Privacy Mask	Yes	Yes	Yes	Yes	Yes	Yes
Binning Mode	-	Yes	-	Yes	Yes	Yes
I/O	1/1	1/1, 1/0 (-A Version)	1/1	1/1, 1/0 (-A Version)	1/1	1/1, 1/0 (-A Version)
Power	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5.3 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5.3 Watts Max
Weather Proofing Standard	-	-	-	-	-	-
Body Style	Wall Mount (-W) Dome (-D)	Wall Mount (-W) Dome (-D)	Wall Mount (-W) Dome (-D)	Wall Mount (-W) Dome (-D)	Wall Mount (-W) Dome (-D)	Wall Mount (-W) Dome (-D)
Temperature Specification	-5°-50° C	-5°-50° C	-5°-50° C	-5°-50° C	-5°-50° C	-5°-50° C
Tamper Resistant	Yes	Yes	Yes	Yes	Yes	Yes
Camera Positioning	3-Axis Bracket (-W Models) 3-Axis Gimbal (-D Models)	3-Axis Bracket (-W Models) 3-Axis Gimbal (-D Models)	3-Axis Bracket (-W Models) 3-Axis Gimbal (-D Models)	3-Axis Bracket (-W Models) 3-Axis Gimbal (-D Models)	3-Axis Bracket (-W Models) 3-Axis Gimbal (-D Models)	3-Axis Bracket (-W Models) 3-Axis Gimbal (-D Models)
Accessories/Housings	D4S-WMT-B: Black Wall Mount D4S-CMT-B: Black Pendant Mount D4S-WMT: Light Gray Wall Mount D4S-CMT: Light Gray Pendant Mount SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	D4S-WMT-B: Black Wall Mount D4S-CMT-B: Black Pendant Mount D4S-WMT: Light Gray Wall Mount D4S-CMT: Light Gray Pendant Mount SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	D4S-WMT-B: Black Wall Mount D4S-CMT-B: Black Pendant Mount D4S-WMT: Light Gray Wall Mount D4S-CMT: Light Gray Pendant Mount SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	D4S-WMT-B: Black Wall Mount D4S-CMT-B: Black Pendant Mount D4S-WMT: Light Gray Wall Mount D4S-CMT: Light Gray Pendant Mount SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	D4S-WMT-B: Black Wall Mount D4S-CMT-B: Black Pendant Mount D4S-WMT: Light Gray Wall Mount D4S-CMT: Light Gray Pendant Mount SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter	D4S-WMT-B: Black Wall Mount D4S-CMT-B: Black Pendant Mount D4S-WMT: Light Gray Wall Mount D4S-CMT: Light Gray Pendant Mount SV-EBA: Electrical Box Adapter MV-JBA: Junction Box Adapter
Control Software	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200
Regulatory Compliance	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE
Industry Standard	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF
Dimensions	Ø 3.1" x 6.15" H (-W Model) Ø 5.1" x 1.74" H (-D Models In-Ceiling Model) Ø 5.1" x 3.85" H (-D Model)	Ø 3.1" x 6.15" H (-W Model) Ø 5.1" x 1.74" H (-D Models In-Ceiling Model) Ø 5.1" x 3.85" H (-D Model)	Ø 3.1" x 6.15" H (-W Model) Ø 5.1" x 1.74" H (-D Models In-Ceiling Model) Ø 5.1" x 3.85" H (-D Model)	Ø 3.1" x 6.15" H (-W Model) Ø 5.1" x 1.74" H (-D Models In-Ceiling Model) Ø 5.1" x 3.85" H (-D Model)	Ø 3.1" x 6.15" H (-W Model) Ø 5.1" x 1.74" H (-D Models In-Ceiling Model) Ø 5.1" x 3.85" H (-D Model)	Ø 3.1" x 6.15" H (-W Model) Ø 5.1" x 1.74" H (-D Models In-Ceiling Model) Ø 5.1" x 3.85" H (-D Model)

	MegaVideo® Dual Sensor	MegaVideo® Compact WDR Cameras		MegaVideo® Compact Cameras		
						
	AV3136	AV2116DNv1	AV3116DNv1 <small>*AV3116DNv1 Model Only</small>	AV1115v1 Models	AV2115v1 Models	AV3115v1 Models
Category	Dual Sensor Camera	WDR Compact Camera	WDR Compact Camera	Compact Camera	Compact Camera	Compact Camera
Image Sensor	3MP, 1/2" CMOS Color 1.3MP, 1/2" CMOS B/W	2.07MP Effective, 1/3.2" CMOS	3MP, 1/3.2" CMOS*	1.3MP Effective, 1/2.7" CMOS	2.07MP, 1/2" CMOS	3MP Effective, 1/2" CMOS
Max Resolution <small>(Horizontal x Vertical)</small>	2048 x 1536 - 3MP 1280 x 1024 - 1.3MP	1920 x 1080 2048 x 1536*	1920 x 1080 2048 x 1536*	1280 x 1024	1980 x 1080	2048 x 1536
Minimum Illumination	Color: 0.2 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binning): 0.3 Lux @ F1.4 Color (Binning): 0.15 Lux @ F1.4* Day/Night: 0 Lux, IR Sensitive	Color (Non-Binning): 0.3 Lux @ F1.4 Color (Binning): 0.15 Lux @ F1.4* Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binning): 0.3 Lux @ F1.4 Color (Binning): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive
Full Field-of-View Resolution <small>(Horizontal x Vertical)</small>	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution 1280 x 1024 - 1.3MP 640 x 512 - 1/4 Resolution	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution 2048 x 1536 - 3MP* 1024 x 768 - 1/4 Resolution*	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution 2048 x 1536 - 3MP* 1024 x 768 - 1/4 Resolution*	1280 x 1024 - 1.3MP 640 x 512 - 1/4 Resolution	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution
Max Frame Rates	12fps @ 2560 x 1600 15fps @ 2048 x 1536 20fps @ 1920 x 1200 22fps @ 1920 x 1080 24fps @ 1600 x 1200 32fps @ 1280 x 1024	21fps @ 2048 x 1536* 30fps @ 1920 x 1080 41fps @ 1280 x 1024 21fps @ 1024 x 768 (Binning)* 27fps @ 800 x 600 (Binning)* 31fps @ 960 x 540 (Binning)* 32fps @ 640 x 512 (Binning)*	21fps @ 2048 x 1536* 30fps @ 1920 x 1080 41fps @ 1280 x 1024 21fps @ 1024 x 768 (Binning)* 27fps @ 800 x 600 (Binning)* 31fps @ 960 x 540 (Binning)* 32fps @ 640 x 512 (Binning)*	42fps @ 1280 x 1024	31fps @ 1920 x 1080 42fps @ 1280 x 1024	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 46fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 860 x 540 (Binning) 64fps @ 640 x 512 (Binning)
Dynamic Range	61dB	Up to 100dB at Full Resolution	Up to 100dB at Full Resolution	69dB	69dB	70.1dB
Day/Night (IR Cut Filter)	Dual Sensor: Color, Black/White	Yes	Yes	'DN' and 'DNAI' Versions	'DN' and 'DNAI' Versions	'DN' and 'DNAI' Versions
Auto/Iris (DC)	-	-	-	'DNAI' Version	'DNAI' Version	'DNAI' Version
Lens (Integrated)	-	-	-	-	-	-
Compression Type	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG
Compression Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP
Audio	-	-	-	-	-	-
Multi-Streaming	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams
Multi-Casting	Yes	Yes	Yes	Yes	Yes	Yes
Motion Detection	64 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones
Moonlight Mode	Yes	Yes	Yes	Yes	Yes	Yes
Electronic PTZ	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows
Electronic Image Flip	180°	180°	180°	180°	180°	180°
Shutter Control	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms
Privacy Mask	-	Yes	Yes	Yes	Yes	Yes
Binning Mode	-	Yes*	Yes*	-	-	Yes
I/O	1/1	1/1	1/1	1/1	1/1	1/1
Power	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 4 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 6 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5.3 Watts Max
Weather Proofing Standard	-	-	-	-	-	-
Heater (Integrated)	-	-	-	-	-	-
Temperature Specification	0°-50° C	-5°-50° C	-5°-50° C	-5°-50° C	-5°-50° C	-5°-50° C
Vandal Resistant	-	-	-	-	-	-
Camera Positioning	-	-	-	-	-	-
Accessories/Housings	DOME4-I: Indoor 4" Dome DOME4-O: Outdoor 4" Dome DOME5-I: Recessed 5" Dome HSG2: Outdoor PoE Housing	D4SO: Outdoor 4" Dome HSG2: Outdoor PoE Housing	D4SO: Outdoor 4" Dome HSG2: Outdoor PoE Housing	D4S: Indoor 4" Surface Dome D4F: Indoor 4" In-Ceiling Dome D4SO: Outdoor 4" Dome DOME4-I: Indoor 4" Dome DOME4-O: Outdoor 4" Dome DOME5-I: Recessed 5" Dome HSG2: Outdoor PoE Housing	D4S: Indoor 4" Surface Dome D4F: Indoor 4" In-Ceiling Dome D4SO: Outdoor 4" Dome DOME4-I: Indoor 4" Dome DOME4-O: Outdoor 4" Dome DOME5-I: Recessed 5" Dome HSG2: Outdoor PoE Housing	D4S: Indoor 4" Surface Dome D4F: Indoor 4" In-Ceiling Dome D4SO: Outdoor 4" Dome DOME4-I: Indoor 4" Dome DOME4-O: Outdoor 4" Dome DOME5-I: Recessed 5" Dome HSG2: Outdoor PoE Housing
Control Software	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200
Regulatory Compliance	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE
Industry Standard	-	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF
Dimensions	3" H x 2.5" W x 2.25" D	3" H x 2.5" W x 1.25" D	3" H x 2.5" W x 1.25" D	3" H x 2.5" W x 1.25" D	3" H x 2.5" W x 1.25" D	3" H x 2.5" W x 1.25" D

	MegaVideo® Compact Cameras		D4S/D4F/D4SO Series Cameras		
	 AV5115v1 Models	 AV10115v1 Models	 D4F-AV3115v1 D4S-AV3115v1 Models	 D4F-AV5115v1 D4S-AV5115v1 Models	 D4SO-AV5115v1 Models
Category	Compact Camera	Compact Camera	All-in-One Indoor Dome	All-in-One Indoor Dome	All-in-One Outdoor Dome
Image Sensor	5MP, 1/2.5" CMOS	10MP, 1/2.3" CMOS	3MP Effective, 1/2.5" CMOS	5MP, 1/2.5" CMOS	5MP, 1/2.5" CMOS
Max Resolution (Horizontal x Vertical)	2592 x 1944	Mode 1: 3648 x 2752 Mode 2: 1920 x 1080	2048 x 1536	2592 x 1944	2592 x 1944
Minimum Illumination	Color (Non-Binning): 0.3 Lux @ F1.4 Color (Binning): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binning): 0.42 Lux @ F1.4 Color (Binning): 0.21 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binning): 0.3 Lux @ F1.4 Color (Binning): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binning): 0.3 Lux @ F1.4 Color (Binning): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binning): 0.3 Lux @ F1.4 Color (Binning): 0.15 Lux @ F1.4 Day/Night: 0 Lux, IR Sensitive
Full Field-of-View Resolution (Horizontal x Vertical)	2592 x 1944 - 5MP 1296 x 968 - 1/4 Resolution	3648 x 2752 - 10MP 1920 x 1080 - 1080p (HDTV) 1824 x 1376 - 1/4 Resolution 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	2592 x 1944 - 5MP 1296 x 968 - 1/4 Resolution	2592 x 1944 - 5MP 1296 x 968 - 1/4 Resolution
Max Frame Rates	14fps @ 2592 x 1944 16fps @ 2560 x 1600 21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 34fps @ 1296 x 972 (Binning) 41fps @ 1280 x 800 (Binning) 46fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning)	7fps @ 3648 x 2752 12fps @ 2592 x 1944 18fps @ 2048 x 1536 26fps @ 1920 x 1080 37fps @ 1280 x 1024 30fps @ 1920 x 1080 (Binning) 25fps @ 1824 x 1376 (Binning) 46fps @ 1296 x 972 (Binning) 57fps @ 1024 x 768 (Binning)	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 46fps @ 1024 x 768 (Binning) 64fps @ 960 x 540 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 640 x 512 (Binning)	14fps @ 2592 x 1944 21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 34fps @ 1286 x 972 (Binning) 46fps @ 1024 x 768 (Binning) 64fps @ 960 x 540 (Binning) 64fps @ 800 x 600 (Binning)	14fps @ 2592 x 1944 16fps @ 2560 x 1600 21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 34fps @ 1296 x 972 (Binning) 41fps @ 1280 x 800 (Binning) 46fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning)
Dynamic Range	70.1dB	57.2dB	70.1dB	70.1dB	70.1dB
Day/Night (IR Cut Filter)	'DN' and 'DNAI' Versions	'DN' and 'DNAI' Versions	'DN' Version	'DN' Version	'DN' Version
Auto/Iris (DC)	'DNAI' Version	'DNAI' Version	-	-	-
Lens (Integrated)	-	-	Megapixel Vari-Focal Lens 3.3mm-12mm, F1.6, IR Corrected	Megapixel Vari-Focal Lens 3.3mm-12mm, F1.6, IR Corrected	3.3mm-12mm, F1.6, IR Corrected
Compression Type	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG
Compression Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP
Audio	-	-	-	-	-
Multi-Streaming	4 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams
Multi-Casting	Yes	Yes	Yes	Yes	Yes
Motion Detection	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones
Moonlight Mode	Yes	Yes	Yes	Yes	Yes
Electronic PTZ	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows
Electronic Image Flip	180°	180°	180°	180°	180°
Shutter Control	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms	1ms-500ms
Privacy Mask	Yes	Yes	Yes	Yes	Yes
Binning Mode	Yes	Yes	Yes	Yes	Yes
I/O	1/1	1/1	1/1	1/1	1/1
Power	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5.3 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5.4 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5.3 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5.3 Watts Max	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 5.3 Watts Max
Weather Proofing Standard	-	-	-	-	IP66
Heater (Integrated)	-	-	-	-	Optional 'MD1-HK' Kit: 10W Heater, Separate 12V DC Input
Temperature Specification	-5°-50° C	-5°-50° C	-5°-45° C	-5°-45° C	-5°-50° C/-30°-50° C (w/Heater)
Vandal Resistant	-	-	-	-	Yes, IK-10 Rated
Camera Positioning	-	-	2-Axis Gimbal with 360° Pan, 90° Tilt (D4S), 70° Tilt (D4F)	2-Axis Gimbal with 360° Pan, 90° Tilt (D4S), 70° Tilt (D4F)	2-Axis Gimbal with 360° Pan and 90° Tilt
Accessories/Housings	D4S: Indoor 4" Surface Dome D4F: Indoor 4" In-Ceiling Dome D4SO: Outdoor 4" Dome DOME4-I: Indoor 4" Dome DOME4-O: Outdoor 4" Dome DOME5-I: Recessed 5" Dome HSG2: Outdoor PoE Housing	D4S: Indoor 4" Surface Dome D4F: Indoor 4" In-Ceiling Dome D4SO: Outdoor 4" Dome DOME4-I: Indoor 4" Dome DOME4-O: Outdoor 4" Dome DOME5-I: Recessed 5" Dome HSG2: Outdoor PoE Housing	D4S-WMT: Wall Mount Adapter D4S-CMT: Pendant Mount Adapter SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	D4S-WMT: Wall Mount Adapter D4S-CMT: Pendant Mount Adapter SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter	MD-WMT2: Wall Mount MD-CMT: Pendant Mount MD-CPMA: Corner Mount Adapter MD-PMA: Pole Mount Adapter MD1-HK: Optional Heater Kit SV-EBA: Electrical Box Adapter SV-JBA: Junction Box Adapter
Control Software	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200
Regulatory Compliance	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE
Industry Standard	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF
Dimensions	3" H x 2.5" W x 1.25" D	3" H x 2.5" W x 1.25" D	Ø 6" x 2.7" H (D4F) Ø 4.7" x 3.8" H (D4S)	Ø 6" x 2.7" H (D4F) Ø 4.7" x 3.8" H (D4S)	Ø 5.5" x 4.9" H

	MegaView® 2 WDR Cameras		MegaView® 2 Cameras					Accessories	
Category	All-in-One Bullet-Style Camera w/ Motorized P-Iris Lens	All-in-One Bullet-Style Camera w/ Motorized P-Iris Lens	All-in-One Bullet-Style Camera w/ Motorized P-Iris Lens	All-in-One Bullet-Style Camera w/ Motorized P-Iris Lens	All-in-One Bullet-Style Camera w/ Motorized P-Iris Lens	All-in-One Bullet-Style Camera w/ Motorized P-Iris Lens	All-in-One Bullet-Style Camera w/ Motorized P-Iris Lens	D4F In-Ceiling Flush Mount Dome MegaVideo® Compact	
Image Sensor	2.07MP, 1/3.2" CMOS	3MP, 1/3.2" CMOS	1.3MP, 1/2.7" CMOS	2.07MP, 1/2.7" CMOS	3MP, 1/2.5" CMOS	5MP, 1/2.5" CMOS	10MP, 1/2.3" CMOS	D4S Indoor Surface Mount Dome MegaVideo® Compact	
Max Resolution (Horizontal x Vertical)	1920 x 1080	2048 x 1536	1280 x 1024	1920 x 1080	2048 x 1536	2592 x 1944	Mode 1: 3648 x 2752 Mode 2: 1920 x 1080	D4SO 4" Outdoor Surface Mount Dome MegaVideo® Compact	
Minimum Illumination	Color: 0.3 Lux @ F1.2 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.2 Color (Binned): 0.15 Lux @ F1.2 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.2 Day/Night: 0 Lux, IR Sensitive	Color: 0.1 Lux @ F1.2 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.3 Color (Binned): 0.15 Lux @ F1.3 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.3 Lux @ F1.3 Color (Binned): 0.15 Lux @ F1.3 Day/Night: 0 Lux, IR Sensitive	Color (Non-Binned): 0.42 Lux @ F1.5 Color (Binned): 0.21 Lux @ F1.5 Day/Night: 0 Lux, IR Sensitive	HSG2 Outdoor IP67 PoE Housing MegaVideo®, MegaVideo® Compact	
Full Field-of-View Resolution (Horizontal x Vertical)	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	1280 x 1024 - 1.3MP 640 x 512 - 1/4 Resolution	1920 x 1080 - 1080p (HDTV) 960 x 540 - 1/4 Resolution	2048 x 1536 - 3MP 1024 x 768 - 1/4 Resolution	2592 x 1944 - 5MP 1296 x 968 - 1/4 Resolution	Mode 1: 3648 x 2752 Mode 2: 1920 x 1080	Dome5-I 5" Recessed Dome MegaVideo®, MegaVideo® Compact	
Max Frame Rates	30fps @ 1920 x 1080 41fps @ 1280 x 1024	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 21fps @ 1024 x 768 (Binning) 27fps @ 800 x 600 (Binning) 31fps @ 860 x 540 (Binning) 32fps @ 640 x 512 (Binning)	42fps @ 1280 x 1024	32fps @ 1920 x 1080 42fps @ 1280 x 1024	21fps @ 2048 x 1536 29fps @ 1920 x 1080 31fps @ 1600 x 1200 41fps @ 1280 x 1024 47fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 960 x 540 (Binning) 64fps @ 640 x 512 (Binning)	14fps @ 2592 x 1944 16fps @ 2560 x 1600 21fps @ 2048 x 1536 31fps @ 1600 x 1200 29fps @ 1920 x 1080 41fps @ 1280 x 1024 34fps @ 1286 x 972 (Binning) 41fps @ 1280 x 800 (Binning) 47fps @ 1024 x 768 (Binning) 64fps @ 800 x 600 (Binning) 64fps @ 860 x 540 (Binning)	7fps @ 3648 x 2752 12fps @ 2552 x 1944 18fps @ 2048 x 1536 25fps @ 1920 x 1080 37fps @ 1280 x 1024 29fps @ 1920 x 1080 (Binning) 26fps @ 1824 x 1376 (Binning) 43fps @ 1296 x 972 (Binning) 54fps @ 1024 x 768 (Binning)	MD-WMT2 Wall Mount MegaDome®, MegaDome® 2, D4SO, 12MP SurroundVideo® WDR	
Dynamic Range	Up to 100 dB at Full Resolution	Up to 100 dB at Full Resolution	69dB	69dB	70.1dB	70.1dB	57.2dB	MD-CMT Pendant Mount MegaDome®, MegaDome® 2, D4SO, 12MP SurroundVideo® WDR	
Day/Night (IR Cut Filter)	Yes - IR Illumination	Yes - IR Illumination	Yes - IR Illumination	Yes - IR Illumination	Yes - IR Illumination	Yes - IR Illumination	Yes - IR Illumination	D4S-CMT, D4S-CMT-B Pendant Mount (¾" NPT Standard) D4S, MegaBall™	
Auto Iris	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris	P-Iris	D4S-WMT, D4S-WMT-B Wall Mount (¾" NPT Standard) D4S, MegaBall™	
Lens (Integrated)	Megapixel Motorized Lens 3-9mm, 1/2.7", F1.2, H-FOV = 82°-27°	Megapixel Motorized Lens 3-9mm, 1/2.7", F1.2, H-FOV = 87°-29°	Megapixel Motorized Lens 3-9mm, 1/2.7", F1.2, H-FOV = 77°-25°	Megapixel Motorized Lens 3-9mm, 1/2.7", F1.2, H-FOV = 115°-37°	Megapixel Motorized Lens 3.6-9mm, 1/2.5", F1.3, H-FOV = 87°-29°	Megapixel Motorized Lens 3.6-9mm, 1/2.3", F1.3, H-FOV = 96°-36°	Megapixel Motorized Lens 4.7-9mm, 1/2.3", F1.5, H-FOV = 78.8°-37°	Focus Tool MegaDome®, D4SO	
Compression Type	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	H.264 (MPEG-4, Part 10) Motion JPEG	MD-FMA Flush Mount Adaptor MegaDome®, MegaDome® 2, D4SO, 12MP SurroundVideo® WDR	
Compression Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	21 Levels	SV-EBA Electrical Box Adaptor MegaDome®, MegaDome® 2, D4SO, SurroundVideo®, MegaView®	
Network Protocols	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	TFTP, HTTP, RTSP, RTP/TCP, RTP/UDP, DHCP	MD-PMMA Pole Mount Adaptor MegaDome®, MegaDome® 2, D4SO, SurroundVideo®, MegaView®	
Audio	-	Yes (-A Version)	-	Yes (-A Version)	-	Yes (-A Version)	-	MD-CRMA Corner Mount Adaptor MegaDome®, MegaDome® 2, D4SO, SurroundVideo®, MegaView®	
Multi-Streaming	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	8 Non-Identical Streams	Heater Kit MD-1HK; MegaDome®, D4SO MD-2HK; MegaDome® 2	
Multi-Casting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	SV-WMT Wall Mount (1.5" NPT Standard) SurroundVideo®	
Motion Detection	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	1024 Zones	SV-CMT Pendant Mount (1.5" NPT Standard) SurroundVideo®	
Moonlight Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	SV-FMA Flush Mount Adaptor SurroundVideo®	
Electronic PTZ	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	Multiple PTZ Windows	SV-JBA Junction Box Adaptor MegaDome®, MegaDome® 2, D4SO, SurroundVideo®, MegaView®	
Electronic Image Flip	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
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	-	Yes	-	-	Yes	Yes	Yes		
I/O	1/0	1/0	1/0	1/0	1/0	1/0	1/0		
Power	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 7.3 Watts Max 11.5 Watts Max (IR Light On)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 7.3 Watts Max 11.5 Watts Max (IR Light On)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 7.1 Watts Max 10.9 Watts Max (IR Light On)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 7.1 Watts Max 10.9 Watts Max (IR Light On)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 7.3 Watts Max 12.8 Watts Max (IR Light On)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 7.3 Watts Max 12.8 Watts Max (IR Light On)	PoE: PoE 802.3af DC Input: Aux. 12V-48V DC AC Input: Aux. 24V AC 7.6 Watts Max 11.2 Watts Max (IR Light On)		
Weather Proofing Standard	IP66	IP66	IP66	IP66	IP66	IP66	IP66		
Fan (Integrated)	-	-	-	-	-	-	-		
Temperature Specification	-40°-50° C	-40°-50° C	-40° to 50° C	-40° to 50° C	-40°-50° C	-40°-50° C	-40°-50° C		
Vandal Resistant	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Camera Positioning	3-Axis Bracket	3-Axis Bracket	3-Axis Bracket	3-Axis Bracket	3-Axis Bracket	3-Axis Bracket	3-Axis Bracket		
Accessories/Housings	MD-CRMA: Corner Mount Adaptor MD-PMMA: Pole Mount Adaptor SV-EBA: Electrical Box Adaptor MV-JBA: Junction Box Adaptor	MD-CRMA: Corner Mount Adaptor MD-PMMA: Pole Mount Adaptor SV-EBA: Electrical Box Adaptor MV-JBA: Junction Box Adaptor	MD-CRMA: Corner Mount Adaptor MD-PMMA: Pole Mount Adaptor SV-EBA: Electrical Box Adaptor MV-JBA: Junction Box Adaptor	MD-CRMA: Corner Mount Adaptor MD-PMMA: Pole Mount Adaptor SV-EBA: Electrical Box Adaptor MV-JBA: Junction Box Adaptor	MD-CRMA: Corner Mount Adaptor MD-PMMA: Pole Mount Adaptor SV-EBA: Electrical Box Adaptor MV-JBA: Junction Box Adaptor	MD-CRMA: Corner Mount Adaptor MD-PMMA: Pole Mount Adaptor SV-EBA: Electrical Box Adaptor MV-JBA: Junction Box Adaptor	MD-CRMA: Corner Mount Adaptor MD-PMMA: Pole Mount Adaptor SV-EBA: Electrical Box Adaptor MV-JBA: Junction Box Adaptor	MD-CRMA: Corner Mount Adaptor MD-PMMA: Pole Mount Adaptor SV-EBA: Electrical Box Adaptor MV-JBA: Junction Box Adaptor	
Control Software	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200	AV100/AV200		
Regulatory Compliance	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE	FCC, CE, UL Listed REACH, RoHS, WEEE		
Industry Standard	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF	PSIA/ONVIF		
Dimensions	4.3" H x 4.3" W x 9.28" D	4.3" H x 4.3" W x 9.28" D	4.3" H x 4.3" W x 9.28" D	4.3" H x 4.3" W x 9.28" D	4.3" H x 4.3" W x 9.28" D	4.3" H x 4.3" W x 9.28" D	4.3" H x 4.3" W x 9.28" D		