

MARCH NETWORKS IP CAMERAS AT-A-GLANCE

	FIXED DOMES					
	MegaPX 360 Indoor Dome	MegaPX Indoor Analytics Dome	MegaPX MicroDome 2	MegaPX WDR MiniDome Z2	MegaPX IR Dome	MegaPX WDR NanoDome
						
Part Number	29253	29703	PoE: 30824 Data and power over coax: 31800	2MP: 31571 1MP: 31571-SD	30671	27816
Image Sensor	1/2.5" 5MP CMOS	1/3" CMOS	1/2.8" 3MP CMOS	1/2.7" CMOS	1/3" CMOS	1/2.7" CMOS
Lens	1.05 mm fisheye lens, F2.8	F1.2, f=3-9mm varifocal, remote zoom/ focus, DC iris	3-9 mm varifocal, remote zoom/ focus, P-iris	3-10.5mm varifocal, remote zoom/focus, DC Iris	F1.2, f=3-9mm varifocal, remote zoom, DC iris	4.0 mm fixed F1.5 iris
Optical/Digital Zoom	Virtual PTZ via Command Client	N/A	3X Optical	N/A	3X Optical	N/A
Horizontal Angle of View	180° H x 180° V	83.2°-33.5°	33.5°-83.2°	30°-100°	77°-30°	70°
Pan/Tilt/Rotation	Virtual PTZ via Command Client	360°/156°/360°	360°/156°/360°	360°/156°/360°	340°/72°/340°	170°/90°/NA
True Day/Night	No	Yes	Yes	Yes	Yes	No
IR Capabilities					Wavelength: 850nm; Distance: 20m	
Minimum Illumination	Color: 0.2 lux, B/W: 0.02 lux	Color: 0.05 lux, B/W: 0.01 lux	Color: 1.57 lux, B/W: 0.03 lux	Color: 0.6 lux, B/W: 0.01 lux	Color: 0.05 lux, B/W: 0 lux	Color: 0.3 lux
HDR/WDR	None	WDR	WDR	WDR	WDR	WDR
Video Compression with Multi-Streaming	H.264, M-JPEG	H.264, M-JPEG	H.264, M-JPEG	H.264, M-JPEG	H.264, M-JPEG	H.264, M-JPEG
Resolution	5MP; 2592x1944	2MP; 1920x1080	3MP; 2048 x 1536	31571: 2MP; 1920x1080 31571-SD: 1MP; 1280x720	2MP; 1920x1080	2MP; 1920x1080
Frames per Second	12 fps @ 5MP	30fps @ 1920x1080	30 fps @ 3MP	31571: 30fps @ 1080 31571SD: 30fps @ 720	30fps @ 1920x1080	30 fps @ 1920x1080
Audio Support	Two-way, mono	Two-way, stereo	Two-way, stereo	Two-way, stereo	Two-way, stereo	None
Alarm Inputs/Outputs	1/1	1/1	1/1	1/1	2/1	None
Intelligent Video	Active tampering alarm, Video motion detection, privacy zones	People counting, queue length monitor- ing, dwell time, presence detection, active tampering alarm, motion detection	Active tampering alarm, connection monitoring, privacy zones, motion detection	Active tampering alarm, motion detection	Active tampering alarm, privacy zones, motion detection	Wirecross, active tampering alarm, privacy zones via VMS, motion detection
Supported Protocols	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, 802.1X	HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP	ONVIF S, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, 802.1X	ONVIF S, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, 802.1X	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, NTP	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, 802.1x
Power	12 VDC; 24VAC; PoE Class 0	24VAC; PoE IEEE 802.3af Class 0	30824: 24VAC; PoE Class 0 31800: Power over Coax technology. Must be used with Coaxial-PoE receiver IEEE 1901	PoE Class 0	12VDC; 24VAC; PoE Class 3	PoE Class 2
Internal Storage	MicroSDHC card slot	MicroSDHC card slot	microSDXC card slot	MicroSDHC card slot	MicroSDHC card slot	MicroSDHC card slot
Shadow Archiving™	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions	1.80 H x 5.87 in. D (4.58 H x 14.9 cm D)	3.92 H x 5.32 D in. (9.95 H x 13.52 D cm)	5.1 H x 5.9 D in. (12.96 H x 15.01 D cm)	3.92 H x 5.31 D in (9.95 H x 13.5 D cm)	4.07 H x 5.20 D in. (10.33 H x 13.2 D cm)	1.97 H x 4.51 D in. (5.0 H x 11.4 D cm)
Environmental	14° to 122° F (-10° to 50° C); Indoor only	14° to 122°F (-10° to 50°C); indoor only	-40° to 140° F (-40° to 60° C); IP66	14° to 122° F (-10° to 50° C); Indoor only	32° to 104°F (0° to 40°C); Indoor only	-4° to 122°F (-20° to 50°C); IP66
Vandal Resistant	Yes	Yes	Yes	Yes	Yes	Yes
Mounting Options	Surface, flush, pendant, wall, pole, corner	Surface, flush, pendant, wall, pole, corner, electrical box	Surface, pendant, wall, pole, corner	Surface, flush, pendant, wall, pole, corner, electrical box	Surface	Surface, electrical box

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	PTZ CAMERAS				
	MegaPX PTZ Dome (Indoor Recessed)	MegaPX PTZ Dome (Indoor Pendant)	MegaPX PTZ Dome (Outdoor Pendant)	CamPX PTZ Domes (Outdoor Pendant)	MegaPX Integrated PTZ Camera System
					
Part Number	30667	30666	20X Zoom: 30665 30X Zoom: 30668	30670	30669
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/4" CCD	1/2.8" CMOS
Lens	F1.6–F3.5, f=4.7–94mm	F1.6–F3.5, f=4.7–94mm	30665: F1.6–F3.5, f=4.7–94mm 30668: F1.6–F4.7, f=4.3–129mm	F1.4–F4.2, f=3.3–119mm	4.3–129mm
Optical/Digital Zoom	20X Optical	20X Optical	30665: 20X Optical, 30668: 30X Optical	36X Optical	30X Optical
Horizontal Angle of View	55.2°–2.9°	55.2°–2.9°	30665: 55.2°–2.9°, 30668: 59.5°–2.1°	60.2°–1.8°	59.5°–2.1°
Pan/Tilt/Rotation	360°/90°/N/A	360°/90°/N/A	360°/90°/N/A	360°/90°/N/A	360°/+40° to -80°/N/A
True Day/Night	No	No	No	Yes	Yes
IR Capabilities					
Min. Illumination	Color: 0.8 lux B/W: 0.02 lux	Color: 0.8 lux B/W: 0.02 lux	30665: Color: 0.8 lux; B/W: 0.02 lux 30668: Color: 0.5 lux; B/W: 0.095 lux	Color: 0.1 lux B/W: 0.01 lux	Color: 0.08 lux, B/W: 0.005 lux
HDR/WDR	WDR	WDR	WDR	WDR	WDR
Video Compression with Multi-Streaming	H.264, M-JPEG	H.264, M-JPEG	H.264, M-JPEG	H.264, M-JPEG	H.264, M-JPEG
Resolution	2MP; 1920x1080	2MP; 1920x1080	2MP; 1920x1080	D1; 720x576	2MP; 1920x1080
Frames per Second	30fps @ 1920x1080	30fps @ 1920x1080	30fps @ 1920x1080	30fps @ D1	30fps @ 1920x1080
Audio Support	Two-way, stereo	Two-way, stereo	Two-way, stereo	Two-way, stereo	Two-way, stereo
Alarm Inputs/Outputs	2/1	2/1	2/1	2/1	2/1
Intelligent Video	Motion detection	Motion detection	Motion detection	Motion detection	Motion detection
Supported Protocols	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, NTP, 802.1X	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, NTP, 802.1X	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, NTP, 802.1X	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, NTP, 802.1X	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, 802.1X
Power	24VDC; 24VAC	24VDC; 24VAC	24VDC; 24VAC	24VAC/24VDC	24VDC
Internal Storage	SD card slot	SD card slot	SD card slot	SD card slot	SD card slot
Shadow Archiving™	Yes	Yes	Yes	Yes	Yes
Dimensions	9.4 H x 8.43 D in. (24.0 H x 21.4 D cm)	11.5 H x 8.6 D in. (29.2 H x 21.8 D cm)	11.5 H x 9.4 D in. (29.2 H x 24 D cm)	11.5 H x 9.4 D in. (29.2 H x 24 D cm)	17.46 H x 6.59 W x 18.11 L in. (44.34 H x 16.73 W x 46.0 L cm)
Environmental	32° to 104°F/ 0° to 40°C; indoor only	32° to 104°F/ 0° to 40°C; indoor only	-40° to 122°F (-40° to 50°C); IP66	-40° to 122°F (-40° to 50°C); IP66	-40° to 122°F (-40° to 50°C); IP66
Vandal Resistant	Yes	Yes	Yes	Yes	Yes
Mounting Options	Recessed	Wall, pole, corner	Wall, pole, corner	Wall, pole, corner	Surface, wall, pole, corner

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	SPECIALTY CAMERAS	BULLET AND BOX CAMERAS		ENCODERS
	MegaPX ATM Camera	MegaPX IR Bullet Cameras	MegaPX 5MP Camera	MegaPX Edge 4e Encoder
			 lens not included	
Part Number	2.8mm standard lens: 31763 3.7mm pinhole lens: 32044	30m IR range, 4–9mm lens: 30672 50m IR range, 9–22mm lens: 30673	25551	30161
Image Sensor	1/2.8" CMOS	1/3" CMOS	1/2.5" 5MP CMOS	N/A
Lens	31763: 2.8mm, fixed iris, fixed focus 32044: 3.7mm, fixed iris, fixed focus	30672: 4–9mm, remote zoom/focus 30673: 9–22mm, remote zoom/focus	C/CS mount	N/A
Optical/Digital Zoom	N/A	2X Optical	N/A	N/A
Horizontal Angle of View	31763: 93° 32044: 80°	30672: 62.8°(wide)–35.2°(tele) 30673: 31.6°(wide)–14.5°(tele)	N/A	N/A
Pan/Tilt/Rotation	N/A	N/A	N/A	N/A
True Day/Night	No	Yes	Yes	N/A
IR Capabilities		30672: Wavelength: 850nm, Distance: 30m 30673: Wavelength: 850nm, Distance: 50m		
Min. Illumination	0.08 lux	Color: 0.05 lux, B/W: 0 lux	Color: 0.2 lux, B/W: 0.02 lux	N/A
HDR/WDR	HDR	WDR	WDR	N/A
Video Compression with Multi-Streaming	H.264	H.264, M-JPEG	H.264, M-JPEG	H.264, M-JPEG
Resolution	3MP; 2048x1536	2MP; 1920x1080	5MP; 2592x1944	4CIF, 704x480 (NTSC) or 704x576 (PAL) 2CIF, 704x240 (NTSC) or 704x288 (PAL) CIF, 352x240 (NTSC) or 352x288 (PAL)
Frames per Second	30fps @ 2018x1536	30fps @ 1920x1080	12 fps @ 5MP; 30 fps @ 1920x1080	30 fps (NTSC), 25 fps (PAL)
Audio Support	None	Two-way, mono	Two-way, mono	Two-way, full duplex
Alarm Inputs/Outputs	None	2/1	1/1	2/2
Intelligent Video	Active tampering, connection monitoring, motion detection, presence detection, face detection	Active tampering alarm, connection monitoring, motion detection	Wirecross, active tampering alarm, connection monitoring, privacy zones via VMS, motion detection	Active tampering alarm, motion detection
Supported Protocols	ONVIF-S, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP	ONVIF, NTP, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP	ONVIF, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP	RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP
Power	12VDC; PoE	12VDC; 24VAC	12VDC; PoE Class 2	PoE
Internal Storage	MicroSD/MicroSDHC card slot	MicroSDHC card slot	MicroSDHC card slot	SDHC card slot
Shadow Archiving™	Yes	Yes	Yes	Yes
Dimensions	2.2 H x 2.3 W x 2.7 D in. (5.6 H x 5.8 W x 6.9 D cm)	3.74 H x 4.02 W x 12.91 L in. (9.5 H x 10.2 W x 32.8 L cm)	1.9 H x 5.16 L x 3.09 W in. (4.83 H x 13.13 L x 7.85 W cm)	1.51 H x 5.31 W x 5.69 D in. (3.8 H x 13.5 W x 14.5 D cm)
Environmental	14° to 122° F (-10° to 50° C)	-40° to 122° F (-40° to +50°C); IP66	Without Housing: 32° to 122°F (0 to 50°C) With Optional Housing: -40° to 122°F (-40° to 50°C); IP66	32° to 104°F (0° to 40°C)
Vandal Resistant	No	Yes	With environmental housing	N/A
Mounting Options	Long or short mounting bracket	Wall	1/4" x 20 (top or bottom)	Desk, wall, rackmount (for mounting 4 or more encoders)