MegaPX IP PTZ Domes

MARCH networks®
An Infinova Company

The **MegaPX IP PTZ Domes** from March Networks® combine high-quality, high-definition 1080p video with powerful optical zoom capabilities and exceptional low-light performance, making them ideal for large area security monitoring. Designed for indoor and outdoor use, the domes are IP66 rated and include built-in heaters to ensure reliable operation in harsh environments.

ONVIF

PART NUMBERS

CAMERAS
- 30666 – Indoor, Pendant mount (20X)
- 30667 – Indoor, Recessed mount (20X)
- 30665 – Outdoor, Pendant mount (20X)
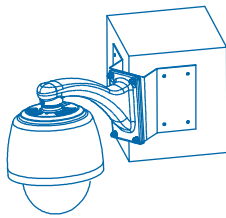- 30668 – Outdoor, Pendant mount (30X)

MOUNTS
- 30871 – Wall mount, 10-inch horizontal, 1.5" NPT
- 30872 – Corner mount, 10-inch horizontal,1.5" NPT
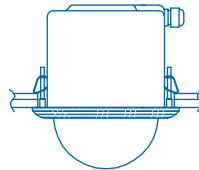- 30902 – Pole mount, 15-inch horizontal, 1.5" NPT

POWER SUPPLIES
- 30873 – 24VAC, 50VA, Plug-In, 120VAC
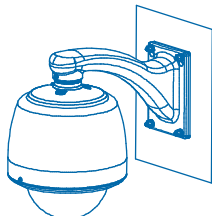- 30874 – 24VAC, 50VA, Plug-In, 230VAC

FEATURES
- 2MP
- 20X and 30X optical zoom
- 20X: 1/2.8" CMOS
  30X: 1/3" CCD
- Wide Dynamic Range (WDR)
- Two simultaneous video streams: H.264 high profile& M-JPEG dual stream encoding
- Progressive scanning
- Auto zoom
- ONVIF-compliant
- Full high-definition network video output: up to 30fps @ 1920×1080 resolution
- Storage to SD card
- Alarm function (2 alarm inputs, 1 relay output)
- Up to 6 schedulable sensor profiles
- Recording on schedule and event
- Schedulable PTZ actions
- Bi-directional audio
- Shadow Archiving™
- Upgrade online
- Outdoor IP66 environmental rating, with built-in heater and air cycle system
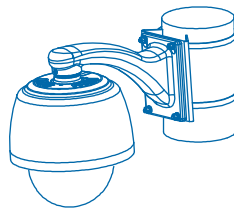

Corner Mount

Indoor Recessed Mount

Wall Mount

Pole Mount

Indoor Pendant Mount

8.0"
20.4cm

Ø6.1"
Ø15.4cm

11.5"
29.2cm

R3.1"
R7.78 cm

Ø8.6"
Ø21.8cm

Outdoor Pendant Mount

8.0"
20.4cm

11.5"
29.2cm

R3.1"
R7.78 cm

Ø8.6"
Ø21.8cm

Ø9.4"
Ø24.0cm

Indoor Recessed Mount

7.8"
19.8cm

Ø6.69"
Ø17.0cm

9.4"
24.0cm

R3.1"
R7.78 cm

Ø8.43"
Ø21.4cm
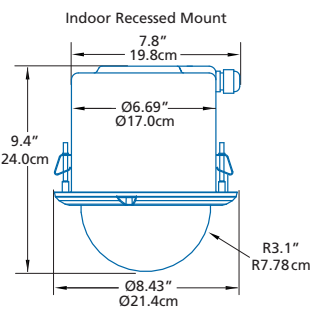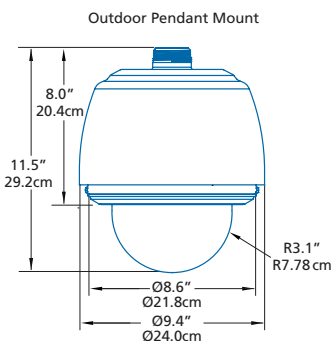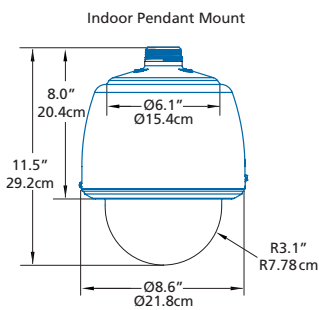
MegaPX IP PTZ Domes

LENS

Optical Zoom	
30667, 30666, 30665	20X
30668	30X
Aperture / Focal length	
30667, 30666, 30665	F1.6-F3.5, f=4.7-94mm
30668	F1.6-F4.7, f= 4.3-129mm
Angle of View	
30667, 30666, 30665	55.2° (wide) — 2.9° (tele)
30668	59.5° (wide) — 2.1° (tele)
Min. Work Distance	
30667, 30666, 30665	0.01m (wide) — 1.0m (tele)
30668	0.01m (wide) — 1.2m (tele)

CAMERA

Image Sensor	1/2.8" CMOS
Scanning System	Progressive scanning
Effective Resolution	1080p
Signal / Noise Ratio	>50dB
Sensitivity	
30667, 30666, 30665	Color Mode: 0.8 lux @ F1.6 (50 IRE)
	B/W Mode: 0.02 lux @ F1.6 (50 IRE)
30668	Color mode: 0.5 lux (1/30s, 50%, high sense - on), 0.08 lux (NTSC: 1/4s, PAL: 1/3s, 50%, high sense - on)
	B/W mode: 0.095 lux (1/30s, 50%, high sense - on), 0.005 lux (NTSC: 1/4s, PAL: 1/3s, 50%, high sense - on)
Sync System	Internal

OPERATIONAL

Pan Speed	0.1°~250°/second
Tilt Speed	0.1°~90°/second
Preset Speed	Max. 300°/second
Pan Rotation Angle	360° continuous rotation
Tilt Rotation Angle	0°~ 90°
Preset Accuracy	± 0.1°
Programmable Preset	1~255
Programmable Patterns	4
Autopan	4
Tours	6 (each tour can be associated with 14 actions, including Preset 1-32, Pattern 1-4 or AutoPan 1-4)
Auto Home	Yes
Time Tour	Yes
Autoscan	Yes
Motion Detection	Yes, 4 areas
Alarm	2 alarm inputs, 1 relay output
Area Zoom	Yes
Web Server	Yes
Remote Upgrade	Yes
Iris	Auto, Manu, M/A
Focus	Auto, Manu, M/A
Shutter	
30667, 30666, 30665	Auto (1/1.5s-1/10000s, adjustable)
30668	Auto (1/4s-1/10000s, adjustable)

Digital Slow Shutter	Yes
Image Mirror	Off, H-mirror, V-mirror, HV-mirror
Image Freeze	Yes
FNR	Off, Manu, Auto (1-3 levels, adjustable)
White Balance	Auto, Manu, Merc, Sodi
Auto Gain Control	Yes
WDR	
30667, 30666, 30665	Off, WDR, AD WDR, WDR*, AD WDR*
30668	On/Off/Auto
Stabilization	No
Backlight Compensation	On/Off
Others	Sharpness adjustable, Slow AE, Lucidness

VIDEO

Compression	H.264 High profile/M-JPEG
Max. Resolution	
30667, 30666, 30665	1920x1080 @ 30fps
30668	1280x720 @ 30fps
Output Bit Rate	VBR; CBR 256Kbps-10Mbps

AUDIO

Audio Streaming	Two-way stereo
Audio Compression	G.711 PCM, G.726 ADPCM, Configurable bit rate (8-48 kHz)
Audio Input/Output	Line input, line level output

IP

Network Port	1 10M/100M Ethernet, RJ-45, self-adaptive
Network Protocol	ONVIF, NTP, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP, 802.1X

ELECTRICAL

Electricity	24VAC/24VDC
Power Consumption	24VAC: 20W (indoor); 35W (outdoor)
	24VDC: 20W (indoor); 33W (outdoor)
Surge Protection	Yes

ENVIRONMENTAL

Working Temperature	Indoor: 32° to 104ºF / 0° to 40ºC
	Outdoor: -40° to +122°F / -40° to +50°C
Working Humidity	0 to 90%RH (non-condensing)

PHYSICAL

Motor	Stepping motor
Mount Mode	Pendant, Recessed
Housing Material	Cast Aluminum (IP66)
Product Dimension (Height x Diameter)	Indoor: 9.4 x 8.43 in. / 24.0 x 21.4 cm (Recessed) 11.5 x 8.6 in. / 29.2 x 21.8 cm (Pendant) Outdoor: 11.5 x 9.4 in. / 29.2 cm x 24.0 cm (Pendant)

REGULATORY

Product Certifications	CE/EMC: EN55022, EN 55024, EN 61000-3-2, EN 61000-3-3; FCC: Part 15 Subpart B; ICES-003; UL; IEC62262

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