MegaPX Outdoor IR Bullet Cameras

The **MegaPX Outdoor IR Bullet Cameras** from March Networks® deliver megapixel image quality, combined with the efficiency of H.264 streams in real-time, and the flexibility of True Day/Night (TDN), for outdoor environments. Both models incorporate a progressive scan CMOS sensor with Wide Dynamic Range (WDR), and 1080p resolution for excellent image quality, even in bright backlight situations. In addition, the cameras' built-in IR technology allows you to discern objects in the dark, from distances of up to 164 feet (50m).

Onvif

MEGAPIXEL IMAGES IN ADVERSE LIGHTING CONDITIONS

The cameras powerful combination of Wide Dynamic Range (WDR), True Day/Night (TDN) technology, and IR illumination, plus progressive scan in high resolution, deliver excellent image quality, even in bright backlight and near-dark conditions. In addition, the cameras' Smart-IR technology ensures that images will not be overexposed or underexposed.

CHOOSE YOUR IDEAL LENS OPTIONS

The MegaPX IR Bullet Cameras are available in two lens configurations: a 4-9mm motorized zoom lens, which is ideal for viewing objects within a 30m IR range, and a 9-22mm motorized zoom lens, which can accommodate up to a 50m IR range.

YOUR VIDEO IS ALWAYS AVAILABLE, EVEN WHEN YOUR NETWORK ISN'T

The cameras have the ability to record to an internal microSDHC card or to a NAS device, providing redundant recording in the event of a network outage or server failure. When the cameras are used with March Networks Command™ Recording Server or 8000 Series Hybrid NVR, an innovative Shadow Archive feature allows for seamless access to that recorded video, for total fail-safe management.
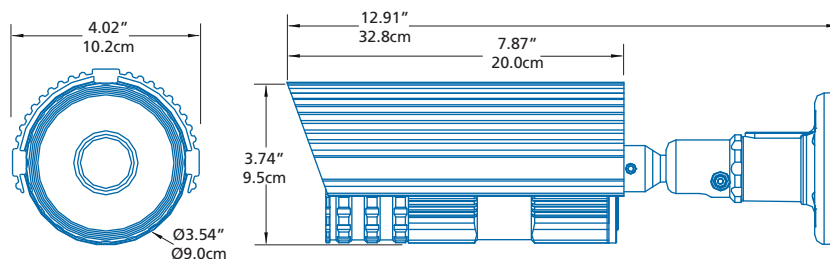
FEATURES

- 1/3" progressive scan CMOS sensor
- True Day/Night (TDN) with removable IR cut filter
- Wide Dynamic Range (WDR)
- Motorized zoom lens for autofocus
- High-performance IR illuminators (30m or 50m illumination distance)
- Smart-IR technology means no image overexposure or underexposure
- 30 fps @ 1920x1080
- Up to 6 schedulable sensor profiles
- Recording on schedule and event
- Bi-directional audio
- Shadow Archiving™ with microSDHC card or NAS
- 2 alarms in / 1 relay out
- Active video tampering
- ONVIF-certified for open third-party integrators
- Dual-streaming H.264 and MJPEG
- IP66 all-metal environmental enclosure
- Vandal-resistant

PART NUMBERS

CAMERAS

- 30672 – 30m IR range, 4-9mm motorized zoom lens
- 30673 – 50m IR range, 9-22mm motorized zoom lens

4.02"
10.2cm

Ø3.54"
Ø9.0cm

12.91"
32.8cm

7.87"
20.0cm

3.74"
9.5cm

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MODELS

30672	30m IR range, 4-9mm motorized zoom lens
30673	50m IR range, 9-22mm motorized zoom lens

CAMERA

Image Sensor	1/3″ progressive scan CMOS
Wide Dynamic Range	72.4dB
Lens	
30672	Motorized zoom lens, F1.2, f=4-9mm
30673	Motorized zoom lens, F1.5, f=9-22mm
IR Wavelength	850nm
IR Illumination Distance	
30672	30m
30673	50m
Day/Night Functionality	Removable IR cut filter
Minimum Illumination	Color: 0.05 lux @ F1.2 (30 IRE, AGC On) B/W: 0 lux @ F1.2 (IR On)
Shutter	Auto/Manual (1/25s to 1/8000s)
White Balance	Auto/manual/incandescent light/cool white fluorescent light/sunlight/cloudy/natrium light

VIDEO

Video Compression	H.264 High Profile/M-JPEG
Max Resolution	1920 x 1080 @ H.264/M-JPEG
Optional Resolution	
Major Stream	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600
Minor Stream	720 x 576, 720 x 480, 640 x 480, 352 x 288, 352 x 240
Frame Rate	30 fps @ 1920 x 1080
Video Streaming	Dual-stream H.264 and M-JPEG (full resolution on stream 1; maximum D1 on stream 2) Controllable frame rate and bandwidth CBR/VBR H.264; VBR M-JPEG (quality settings) Up to two simultaneous streams

AUDIO

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

NETWORK

Security	Password protection, IP address filtering, connection management, LDAP authentication, HTTPS encryption (configuration only)
Supported Protocols	ONVIF, NTP, RTP, RTSP, RTCP, HTTP, HTTPS, IPv4, TCP, UDP, DHCP, ARP, LDAP
Interface	10/100Mbps self-adaptive Ethernet (RJ-45)
Internet Browser	Internet Explorer (7.0+)
Network Delay	≤250ms

SYSTEM INTEGRATION

Alarms	2 alarm inputs, 1 relay output
Intelligent Video	Video motion detection (up to 4 areas), connection monitoring, active tampering
Alarm Triggers	Intelligent video, external input
Alarm Events	External output activation Video recording to local storage (microSDHC) Video recording to NAS

GENERAL

Housing	Beige powder-coated aluminum, IP66 rated
Power	12VDC/24VAC
Power Consumption	<20W with heater (2.5A @ 12VDC)
Connectors	RJ-45 10/100Mbps, 2 alarm inputs, 1 relay output, 3.5mm line in, 3.5mm line out
Local Storage	microSDHC Card (card not included)
Operating Conditions	-40 to 122° F / -40 to +50° C Relative Humidity 0 – 90%, non-condensing
Storage Temperature	-4 to 140° F / -20 to 60° C
Mechanical	
Weight	3.86 lbs / 1.75 kg
Dimensions (HxWxL)	3.74 x 4.02 x 12.91 in. / 9.5 x 10.2 x 32.8 cm
Included Accessories	Screwdriver, and software CD
Upgrade Online	Yes
Status LED	Power, Link, ACT
Network and Ethernet	RJ45 (10/100Mbps self-adaptive)
Audio In	3.5mm
Audio Out	3.5mm

REGULATORY

Regulatory Approvals	CE – EMC Directive; 2004/108/EC; Standards EN55022; EN55024; FCC Part 15 Subpart B; ICES-003; UL-60950-1; RoHS2 and WEEE Directive

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