MOBICOM PRO

AI Motorized Pro Bullet Plus Network Camera

AI | **H.265⁺ HEVC** | **Starlight** | **Super WDR** | **IR** | **3-Axis**

Privacy Masking | **SDXC** | **GQST Onvif** | **PoE** | **Weather-proof** | **Vandal-proof**

DATASHEET

KEY FEATURES

▶ NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)

▶ Smart IR II (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)

▶ HLC (High Light Compensation. Improving image visibility under strong light sources.)

▶ 120dB Super WDR (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 120dB.)

▶ 90fps High Frame Rate (Camera can easily catch images with no latency despite of the high-speed movement.)

▶ 256G (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)

▶ Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265⁺ saves 70%~80% bandwidth that of H.264.)

AI Video Analytics

• 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.

• People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.

0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

30fps@4K

Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.

Integrated Cable Management Bracket

Intergrated Cable Management provides easier and faster installation for the users. Versatile interfaces such as PoE, DC, Audio I/O and Alarm I/O are available. The well-designed integrated junction box also makes the cable connection neat and tidy.

	Model	MPC6172-2MP-01 (2MP) Bestillingsvare	MPC6172-2MP-02 (2MP) Bestillingsvare	MPC6172 (5MP) Standard/Lagervare
Camera	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.008Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR		
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 65m	Up to 65m(3.0~10.5mm/2.7~13.5mm) Up to 100m(7~22mm)	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
Lens	Lens	Motorized 3.6~10mm@F1.4 P-Iris(Optional)	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)	
	Field of View	H100°~H45°/ D116°~D51°/ V57°~V25°	H113°~H33°/D130°~D38° /V60°~V18° (2.7~13.5mm) H104°~H34°/D120°~D39° /V57°~V19° (3.0~10.5mm) H45°~H17°/D53°~D20° /V25°~V9° (7~22mm)	H113°~H33°/D138°~D42° /V83°~V25° (2.7~13.5mm) H94°~H33°/ D116°~D42° / V71°~V25°(3.0~10.5mm) H42°~H16°/D53°~D20° /V32°~V12° (7~22mm)
	Mount	Φ14		
	Focus Control	Auto/Manual		
	Iris Control (Optional for I Series)	Auto/Manual		
Video	Max. Image Resolution	1920x1080		2592x1944
	Primary Stream	60Hz: **90fps@(1920x1080)(Optional for T Series),** 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: **90fps@(1920x1080)(Optional for T Series),** 50fps@(1920x1080, 1280x960, 1280x720, 704x576)		60Hz: 30fps@(2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60Hz: **90fps@(704x576)(Optional for T Series),** 60fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: **90fps@(704x576)(Optional for T Series),** 50fps@(704x576, 640x480, 640x360, 352x288, 320x240)		60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)
	Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 351x288, 320x240)		
	Video Compression	H.265⁺/H.265(HEVC)/H.264⁺/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Privacy Masking	Up to 24 areas		
	ROI	Up to 8 areas		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		

AI Motorized Pro Bullet Plus Network Camera

Interface	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	1/1
	Alarm I/O	1/1
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
	Two-way Audio	Support
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
	People Counting& Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.
	System Compatibility	ONVIF Profile G & Q & S & T, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	7W MAX 14W MAX(With IR on) / 6.5W MAX 13.5W MAX(With IR on) / 6W MAX 13W MAX(With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance
	Surge Protection	4KV
	Weight	1630g
	Dimensions	301mmX108mmX126mm
	Warranty	3/5 Years

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Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 65m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Lens	Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H110°~H33°/D118°~D38°/V60°~V18°	H116°~H48°/D134°~D55°/V65°~V27°
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	3840x2160	
	Primary Stream	60Hz: 30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	
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Audio	Audio Compression	G.711/AAC/G.722/G.726
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	Two-way Audio	Support
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	SIP/VoIP Support	Yes, Voice & Video-over-IP
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	Power Consumption	6W MAX / 13W MAX(With IR on) — 9W MAX / 16W MAX(With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance
	Surge Protection	4KV
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	Dimensions	301mmX108mmX126mm
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Structure Diagrams

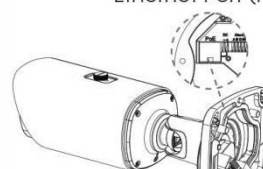microSD/SDHC/SDXC Card Slot
Reset
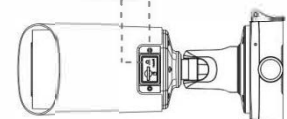
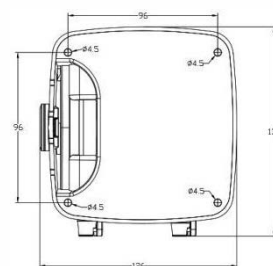Light Sensor
IR LEDs
Lens
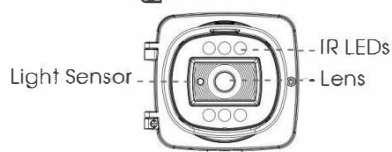
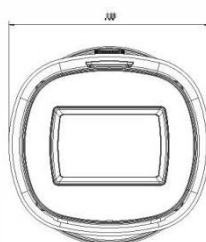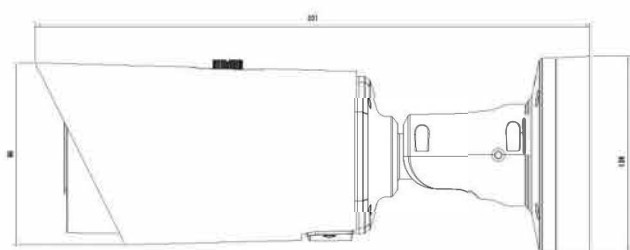Ethernet Port (PoE)
Alarm/Audio
DC 12V

Units: mm

Accessories Support

A62 Junction Box(Default)

Weight: 510g
Dimensions: 134*126*40mm

A01 Pole Mount

Weight: 720g
Dimensions: 170*51.5*152.6mm

A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.5*76.3mm

MOBICOM PRO

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