



MONTAVUE



2024

Product Catalog

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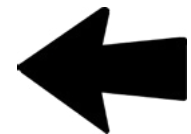
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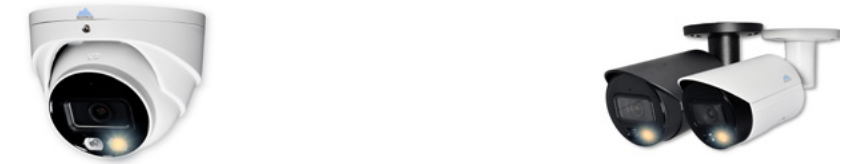
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LUNAR 2.0 CAMERA SERIES



Model	MTT4095	MTB4095	MTD4095
Image Sensor	4MP 1/2.9" CMOS	4MP 1/2.9" CMOS	4MP 1/2.9" CMOS
Focal Length/Lens	2.8mm/F1.6	2.8mm/F1.6	2.8mm/F1.6
FOV-H	95°	95°	95°
Min. Illumination	0.006 Lux@F1.6 (Color) 0.0006 Lux@F1.6 (B/W) 0 lux (Illuminator on)	0.006 Lux@F1.6 (Color) 0.0006 Lux@F1.6 (B/W) 0 lux (Illuminator on)	0.006 Lux@F1.6 (Color) 0.0006 Lux@F1.6 (B/W) 0 lux (Illuminator on)
Max. IR Distance	30 m (98.43 ft) (IR) 30 m (98.43 ft) (warm light)	30m (98ft) (IR) 30 m (98.43 ft) (warm light)	30m (98ft) (IR)
Video Compression	H.265; H.264; H.264B; MJPEG; H.264H	H.265; H.264; H.264B; MJPEG; H.264H	H.265; H.264; H.265B; MJPEG; H.264H
Max. Resolution	4MP (2688 x 1520)	4MP (2688 x 1520)	4MP (2688 x 1520)
Frame Rate	2688 x 1520 @ 20FPS 2560 x 1440 @ 30FPS	2688 x 1520 @ 20FPS 2560 x 1440 @ 30FPS	2688 x 1520 @ 20FPS 2560 x 1440 @ 30FPS
Multi-Stream	2	2	2
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan:0°~360°; Tilt:0°~90° Rotation:0°~360°	Pan:0°~355°; Tilt:0°~65° Rotation:0°~355°
Compatibility	ONVIF (Profile S/Profile G) CGI; Milestone; P2P	ONVIF (Profile S/Profile G) CGI; Milestone; P2P	ONVIF (Profile S/Profile G) CGI; Milestone; Genetec
Audio In/Out	Built-in Mic	Built-in Mic	Built-in Mic
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Ingress Protection	IP67	IP67	IP67, IK10
Alarm In/Out	No	No	No
Working Temperature	-40°C~+60°C (-40°F~+140°F)	-40°C~+60°C (-40°F~+140°F)	-40°C~+60°C (-40°F~+140°F)
Power	DC12V, PoE; Max. 5.2W	DC12V, PoE; Max. 5.2W	DC12V, PoE; Max. 6W
Perimeter Protection	Tripwire, Intrusion (Human & Vehicle Classification)	Tripwire, Intrusion (Human & Vehicle Classification)	Tripwire, Intrusion (Human & Vehicle Classification)
Intelligent Search	Yes	Yes	Yes
Dual Illumination	Yes	Yes	No
SMD	SMD Plus	SMD Plus	SMD Plus

LUNAR 3.0 CAMERA SERIES



Model	MTT8095	MTB8111
Image Sensor	8MP 1/2.7" CMOS	8MP 1/2.7" CMOS
Focal Length/Lens	2.8mm/F1.6	2.8mm/F1.6
FOV-H	111°	111°
Min. Illumination	0.008 lux@F1.6 (Color, 30 IRE) 0.0008 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)	0.008 lux@F1.6 (Color, 30 IRE) 0.0008 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)
Max. IR Distance	30 m (98.43 ft) (IR) 30 m (98.43 ft) (warm light)	30 m (98.43 ft) (IR) 30 m (98.43 ft) (warm light)
Video Compression	H.265; H.264; H.264B; MJPEG; H.264H	H.265; H.264; H.264B; MJPEG; H.264H
Max. Resolution	8MP (3840 x 2160)	8MP (3840 x 2160)
Frame Rate	3840 x 2160 @ 1~20FPS 2688 x 1520 @ 1~25/30FPS	3840 x 2160 @ 1~20FPS 2688 x 1520 @ 1~25/30FPS
Multi-Stream	2	2
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°; Tilt: 0°~90° Rotation: 0°~360°
Compatibility	ONVIF (Profile S/Profile G) CGI; Milestone; P2P	ONVIF (Profile S/Profile G) CGI; Milestone; P2P
Audio In/Out	Built-in Mic	Built-in Mic
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Ingress Protection	IP67	IP67
Alarm In/Out	No	No
Working Temperature	-40 °C to +55 °C (-40 °F to +131 °F)	-40 °C to +55 °C (-40 °F to +131 °F)
Power	DC12V, PoE	DC12V, PoE
Perimeter Protection	Tripwire, Intrusion (Human & Vehicle Classification)	Tripwire, Intrusion (Human & Vehicle Classification)
Intelligent Search	Yes	Yes
Dual Illumination	Yes	Yes
SMD	SMD Plus	SMD Plus



PEAK AI 3.0 CAMERA SERIES



Model	MTT8108-AISMD-X	MTB8108-AISMD-X	MTD8108-AISMD-X
Image Sensor	8MP 1/2.8" CMOS	8MP 1/2.8" CMOS	8MP 1/2.8" CMOS
Focal Length/Lens	2.8mm Fixed Lens	2.8mm Fixed Lens	2.8mm Fixed Lens
FOV-H	108°	108°	108°
Min. Illumination	0.007 Lux@F1.5 (Color) 0.0007 Lux@F1.5 (B/W) 0 lux (Illuminator on)	0.007 Lux@F1.5 (Color) 0.0007 Lux@F1.5 (B/W) 0 lux (Illuminator on)	0.007 Lux@F1.5 (Color) 0.0007 Lux@F1.5 (B/W) 0 lux (Illuminator on)
Max. IR Distance	30 m (98.43 ft) (IR)	30 m (98.43 ft) (IR)	30m (98.43 ft)
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG; AI Coding	H.265; H.264; H.264H; H.264B; MJPEG; AI Coding	H.265; H.264; H.264H; H.264B; MJPEG; AI Coding
Max. Resolution	8MP (3840 × 2160)	8MP (3840×2160)	8MP (3840 × 2160)
Frame Rate	3840 × 2160 @ 30FPS	3840 × 2160 @ 30FPS	3840 × 2160 @ 30FPS
Multi-Stream	3	3	3
Angle Adjustment	Pan:0°~360°; Tilt:0°~78°; Rotation:0°~360°	Pan: 0°~360°;Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360°;Tilt: 0°~60°; Rotation: 0°~355°
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone
Audio In/Out	Built-in Mic	Built-in Mic	Built-in Mic
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Ingress Protection	IP67	IP67	IP67, IK10
Alarm In/Out	No	No	No
Working Temperature	-40 °C to +60 °C (-40 °F to 140 °F)	-40 °C to +60 °C (-40 °F to 140 °F)	-40 °C to +60 °C (-40 °F to 140 °F)
Power	12V DC/POE (802.3af), Max. 8.9W	12V DC/POE (802.3af), Max. 8.9W	12V DC/POE (802.3af), Max.7W
Perimeter Protection	Tripwire, Intrusion (Human & Vehicle Classification)	Tripwire, Intrusion (Human & Vehicle Classification)	Tripwire, Intrusion (Human & Vehicle Classification)
Intelligent Search	Works with Smart NVR for refined intelligent search.	Works with Smart NVR for refined intelligent search.	Works with Smart NVR for refined intelligent search.
SMD	SMD 4.0	SMD 4.0	SMD 4.0
Dual Illumination	No	No	No



PEAK AI 4.0



Model	MTT8106-AISMDAD
Image Sensor	8MP 1/2.8" CMOS
Focal Length/Lens	2.8mm Fixed Lens
FOV-H	106°
Min. Illumination	0.004 Lux@F1.0 (Color) 0.0004 Lux@F1.0 (B/W) 0 lux (Illuminator on)
Max. IR Distance	30 m (98.43 ft) (IR) 30 m (98.43 ft) (warm light)
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG; AI Coding
Max. Resolution	8MP (3840 × 2160)
Frame Rate	3840 × 2160 @ 30FPS
Multi-Stream	3
Angle Adjustment	Pan:0°~360°; Tilt:0°~78° Rotation: 0°~360°
Compatibility	ONVIF (Profile S/Profile G/Profile T), CGI, Milestone, P2P, RTMP
Audio In/Out	1 In/1 Out Built-in Mic, Built-in Speaker
Memory Slot	Micro SD, Max. 256GB
Ingress Protection	IP67
Alarm In/Out	1 In/1 Out
Working Temperature	40 °C~+60 °C (-40 °F to +140 °F)/ Less than 95% RH
Power	12V DC/POE (802.3af), Max. 10.2W
Perimeter Protection	Tripwire, Intrusion (Human & Vehicle Classification), Sound and light alarm, smart dual illumination
Intelligent Search	Works with Smart NVR for refined intelligent search, event extraction and merging of event videos
SMD	SMD 4.0
Dual Illumination	Yes
Active Deterrence	Yes



LPR CAMERA



Model	MTB4-ANPR-VF
Image Sensor	4MP 1/1.8" CMOS
Focal Length/Lens	Motorized 8mm-32mm
FOV-H	40° - 2.7°
Min. Illumination	0.001 Lux@F1.6 (Color) 0.0002 Lux@F1.6 (B/W) 0 lux (Illuminator on)
Max. Detection Speed	120 km/h (75 mph)
Video Compression	H.264H; H.264B; H.264M by default; H.265; MJPEG; H.264M
Max. Resolution	4MP (2688 × 1520)
Frame Rate	(2688 x 1520) 30FPS
Pan/Tilt/Rotation	Pan:0°~360° Tilt:0°~78° Rotation: 0°~360°
Compatibility	ONVIF (Profile S/Profile G/Profile T), CGI, Milestone, P2P, RTMP
Audio In/Out	1 In/1 Out Built-in Mic, Built-in Speaker
Memory Slot	Micro SD, Max. 256GB
Ingress Protection	IP67; IK10
Alarm In/Out	2 In/2 Out
Working Temperature	-30 °C to +65 °C (-22 °F to +149 °F)
Power	12 VDC, 2 A and POE:802.3at,Type 2,Class 4,(44V to 57V), 0.455A to 0.351A,max.20W
Perimeter Protection	Yes
Max IR Distance	60 m (196 ft) (IR) 60 m (196 ft) (Warm Lights)
Dual Illumination	No
Active Deterrence	Yes



Full-Night Color

Summit Acupick 4.0 Series



Model	MTT8112	MTT8110-SMD3-AP-E	MTB8110-SMD3-AP-E	MTD8110-SMD3-AP-E
Image Sensor	8MP 1/1.2" CMOS	8MP 1/1.8" CMOS	8MP 1/1.8" CMOS	8MP 1/1.8" CMOS
Focal Length/Lens	2.8mm fixed lens	2.8mm fixed lens	2.8mm fixed lens	2.8mm fixed lens
FOV-H	102°	111°	111°	110°
Min. Illumination	0.0005Lux@F1.0 (Color) 0 lux (Illuminator on)	0.0008 lux@F1.6 (Color) 0.0004 lux@F1.6 (B/W IR on)	0.0008 lux@F1.6 (Color) 0.0004 lux@F1.6 (B/W IR on)	0.0008 lux@F1.6 (Color) 0.0004 lux@F1.6 (B/W IR on)
Day/Night	ICR	ICR	ICR	ICR
Max IR Distance	No IR	50 m (164 ft)	50 m (164 ft)	50 m (164 ft)
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG; AI Coding	H.265; H.264; H.264H; H.264B; MJPEG	H.265; H.264; H.264H; H.264B; MJPEG	H.265; H.264; H.264H; H.264B; MJPEG
Smart Codec	Supported	Supported	Supported	Supported
Max. Resolution	8MP (3840×2160)	8MP (3840 × 2160)	8MP (3840 × 2160)	8MP (3840 × 2160)
Frame Rate	30FPS	30FPS	30FPS	30FPS
Multi-streaming	3 Streams	3 Streams	3 Streams	3 Streams
Angle Adjustment	Pan: 0°~360° Tilt: 0°~78°; Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~355° Tilt: 0°~80° Rotation: 0°~355°
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone, Genetec	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone, Genetec	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone, Genetec	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone, Genetec
Audio In/Out	1 In/1 Out; Built-in Mic	1 In/1 Out; Built-in Mic Smart Sound Detection	1 In/1 Out; Built-in Mic Smart Sound Detection	1 In/1 Out; Built-in Mic Smart Sound Detection
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Ingress Protection	IP67	IP67	IP67	IP67 / IK10
Alarm In/Out	1 In/1 Out	1 In/1 Out	1 In/1 Out	1 In/1 Out
Working Temperature	-40°C~+60°C (-40°F ~ +140°F)	-40°C ~ 60°C (-40°F ~ +140°F)	-40°C ~ 60°C (-40°F ~ +140°F)	-40°C ~ 60°C (-40°F ~ +140°F)
Power	12V DC/PoE (802.3af), Max. 9.6W	12 VDC/PoE (802.3af)/ePoE	12 VDC/PoE (802.3af)/ePoE	12 VDC/PoE (802.3af)/ePoE
Perimeter Protection	Tripwire, Intrusion (Human & Vehicle Classification)	EPTZ, Tripwire, Intrusion (Human & Vehicle Classification)	EPTZ, Tripwire, Intrusion (Human & Vehicle Classification)	EPTZ, Tripwire, Intrusion (Human & Vehicle Classification)
Intelligent Search	Works with Smart NVR for refined intelligent search, event extraction and merging of event videos	Works with Smart NVR for refined intelligent search, event extraction and merging of event videos	Works with Smart NVR for refined intelligent search, event extraction and merging of event videos	Works with Smart NVR for refined intelligent search, event extraction and merging of event videos
SMD	SMD 3.0	SMD 3.0	SMD 3.0	SMD 3.0
People Counting	Yes	Yes	Yes	Yes
Heat Map	Yes	Yes	Yes	Yes
Face Detection	Yes	Yes	Yes	Yes
Acupick	Yes	Yes	Yes	Yes

WIDE-LENS CAMERAS



Model	MTT180	MTB180	MTB180-TIOC-SMD4
Image Sensor	8MP Dual 1/1.8" CMOS	8MP Dual 1/1.8" CMOS	8MP Dual 1/1.8" CMOS
Focal Length/Lens	2 x 3.6mm fixed lens	2 x 3.6mm fixed lens	2 x 3.6mm fixed lens
FOV-H	180°	180°	180°
Min. Illumination	0.0005 LUX@F1.0 (Color, IR) 0.0002 Lux (B/W, IR) 0 lux (Illuminator on)	0.0005 LUX@F1.0 (Color, IR) 0.0002 Lux (B/W, IR) 0 lux (Illuminator on)	0.0005 lux@F1.0 (Color, 30 IRE) 0.0002 lux@F1.0 (B/W, 30 IRE) 0 lux (Illuminator on)
Day/Night	ICR	ICR	ICR
Max. Illumination Distance	40 m (131.23 ft)	40 m (131.23 ft)	40 m (131.23 ft)
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG; AI Coding	H.265; H.264; H.264H; H.264B; MJPEG; AI Coding	H.265; H.264; H.264H; H.264B; MJPEG; AI Coding
Smart Codec	Supported	Supported	Supported
Max Resolution	8MP (4096 x 1800)	8MP (4096 x 1800)	8MP (4096 x 1800)
Frame Rate	25FPS	25FPS	25FPS
Multi-streaming	3 streams	3 streams	3 streams
Angle Adjustment	Pan: 0°~360° Tilt: 4°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°
Compatibility	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone, Genetec	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone, Genetec	ONVIF (Profile S/Profile G/Profile T); CGI, P2P, Milestone, Genetec
Audio In/Out	Built In Mic/Speaker; 1 In / 1 Out	Built In Mic/Speaker; 1 In / 1 Out	Built In Mic/Speaker; 1 In / 1 Out
Memory Slot	Micro SD, Max. 512GB	Micro SD, Max. 512GB	Micro SD Max 512GB
Ingress Protection	IP67	IP67	IP67
Alarm In/Out	1 In / 1 Out	1 In / 1 Out	1 In / 1 Out
Working Temperature	-40°C~+60°C (-40°F ~ +140°F)	-40°C~+60°C (-40°F ~ +140°F)	-40 °C to +60 °C (-40 °F to +140 °F)
Power	EPoE 12V DC/EPoE (802.3af), Max. 11.8W	EPoE 12V DC/EPoE (802.3af), Max. 11.8W	EPoE 12 VDC (±30%)/PoE+ (802.3at)/ Max 11.8W
Perimeter Protection	EPTZ Tripwire, Intrusion (Human & Vehicle Classification)	EPTZ Tripwire, Intrusion (Human & Vehicle Classification)	EPTZ Tripwire, Intrusion (Human & Vehicle Classification)
Intelligent Search	Works with Smart NVR for refined intelligent search, event extraction and merging of event videos	Works with Smart NVR for refined intelligent search, event extraction and merging of event videos	Works with Smart NVR for refined intelligent search, event extraction and merging of event videos
SMD	SMD 3.0	SMD 3.0	SMD 4.0
People Counting	Yes	Yes	Yes
Heat Map	Yes	Yes	Yes
Active Deterrence	No	No	Yes

RANGE AI VARI-FOCAL CAMERA SERIES



Model	MTT8113-V-AISMD	MTB8113-V-AISMD	MTD8113-V-AISMD
Image Sensor	8MP 1/2.7" CMOS	8MP 1/2.7" CMOS	8MP 1/2.7" CMOS
Focal Length/Lens	Motorized Vari-focal 2.7 mm~13.5 mm/F1.5	Motorized Vari-focal 2.7 mm~13.5 mm/F1.5	Motorized Vari-focal 2.7 mm~13.5 mm/F1.5
FOV-H	113°~31°	113°~31°	113°~31°
Min. Illumination	0.008 Lux@F1.5 (Color) 0.0008 Lux@F1.5 (B/W)	0.008 Lux@F1.5 (Color) 0.0008 Lux@F1.5 (B/W)	0.008 Lux@F1.5 (Color) 0.0008 Lux@F1.5 (B/W)
Max. IR Distance	40m (131.2 ft)	60m (196.85 ft)	40m (131.2 ft)
Video Compression	Smart Codec H.264+/H.265+; H.265; H.264; H.264B; MJPEG	Smart Codec H.264+/H.265+; H.265; H.264; H.264B; MJPEG	Smart Codec H.264+/H.265+; H.265; H.264; H.264B; MJPEG
Max. Resolution	8MP (3840×2160)	8MP (3840×2160)	8MP (3840×2160)
Frame Rate	3840 × 2160 @ 20FPS	3840 × 2160 @ 20FPS	3840 × 2160 @ 20FPS
Angle Adjustment	Pan: 0°~360°;Tilt: 0°~78° Rotation: 0°~360°	Pan: 0°~360°;Tilt: 0°~90° Rotation: 0°~360°	Pan: 0°~355°; Tilt: 0°~67° Rotation: 0°~355°
Compatibility	ONVIF (Profile S/Profile G), CGI, Milestone, P2P	ONVIF (Profile S/Profile G), CGI, Milestone, P2P	ONVIF (Profile S/Profile G), CGI, Milestone, Genetec
Audio In/Out	Built-in Mic	Built-in Mic	Built-in Mic
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Ingress Protection	IP67	IP67	IP67, IK10
Alarm In/Out	No	No	No
Working Temperature	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)	-30°C~+60°C (-22°F ~ +140°F)
Power	DC12V,PoE; Max. 7.6W	DC12V,PoE; Max. 9.6W	DC12V,PoE; Max. 6.4W
Perimeter Protection	Tripwire, Intrusion	Tripwire, Intrusion	Tripwire, Intrusion
Intelligent Search	Yes	Yes	Yes
SMD	SMD Plus	SMD Plus	SMD Plus
Dual Illumination	No	No	No



WIFI CAMERA SERIES



Model	MTDB5124	MTFL4098-WIFI	MTB4090-SMD-WIFI	MTZ5-IR-FC-AD-WIFI
Image Sensor	5MP 1/2.7 CMOS	4MP 1/3" CMOS	4MP 1/3" CMOS	5MP 1/2.8" CMOS
Focal Length/Lens	2.2 mm	2.8 mm/ F1.6	2.8 mm/ F1.6	4.0 mm
FOV-H	124°	98°	90°	80.4°
Min. Illumination	--	0.005 Lux@F1.6 (Color) 0.0005 Lux@F1.6 (B/W) 0 lux (Illuminator on)	0.03 Lux@F2.0 (Color) 0.0003 Lux@F2.0 (B/W) 0 lux (Illuminator on)	0.005 lux@F1.6 (Color) 0.0005 Lux@F1.6 (B/W) 0 lux (illuminator on)
Max. IR Distance	5.0 m (16.50 ft)	10 m (32.81 ft) (IR); 30 m (98.43 ft) (Floodlight)	30 m (98.43 ft) (IR LED)	30 m (98.42 ft)(IR LED) 30 m (98.42 ft) Illuminator
Video Compression	Smart Codec; H.265, H.264	H.264B; H.264; H.264H; H.265; MJPEG	Smart Codec H.264+; H.265+; H.264B; H.264; H.264H; H.265; MJPEG	Smart Codec; H.265+;H.264;H.265;MJPEG
Max. Resolution	5MP (2560 × 1920)	4MP (2688 × 1520)	4MP (2688 × 1520)	5MP (2560 × 1920)
Frame Rate	2560 x 1920 @ 15FPS	2560 × 1440 @ 30FPS	2560 × 1440 @ 20FPS	2560 × 1920 @ 20FPS
Angle Adjustment	Fixed Mount (3 angled mounts included)	Camera: Pan: 85° to +85° Tilt: 90° to +45°; Rotation: 0° to +360° Floodlight: Tilt: -90° to +90° Rotation: -145° to +145°	Pan: 0°~360° Tilt: 0°~90° Rotation: 0°~360°	Remote Pan: 0° to 345° Remote Tilt: 0° to +80°
Compatibility	ONVIF (Profile S/Profile G), CGI, Milestone, P2P	ONVIF (Profile S/Profile G), CGI, Milestone, P2P	ONVIF (Profile S/Profile G), CGI, Milestone, P2P	ONVIF (Profile S/Profile G), CGI, Milestone, P2P
Audio	Built-in Mic, Built-in Speaker	Built-in Mic, Built-in Speaker	Built in Mic	Built in Mic, Built in Speaker; 1 In/1 Out
Memory Slot	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB	Micro SD, Max 512GB
Ingress Protection	IP65	IP65	IP67	IP66 TVS 2000 V lightning proof; surge protection; voltage transient protection
Alarm In/Out	No	No	No	No
Working Temperature	-20° C to +50° C (-4° F to 122° F)	-20 °C to +50 °C (-4 °F to +122 °F)	-30°C~+60°C (-22°F ~ +140°F)	-30 °C to +55 °C (-22 °F to +131 °F)
Power	16V; 10VA; 5VDC USB	100~240 VAC	12 VDC	12 VDC/1.5 A±10% Basic: 3.5 W Max.: 11 W (illuminator)
Perimeter Protection	No	No	No	Yes
Intelligent Search	No	No	No	No
SMD	SMD Plus	SMD Plus	SMD Plus	Human Detection
Dual Illumination	No	Yes	No	Yes
Active Deterrence	No	Yes (110 dB Siren; Floodlight)	No	Yes (Red/Blue Lights & Siren)

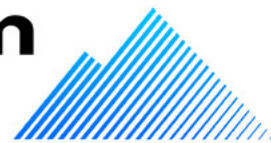
PAN/TILT/ZOOM CAMERAS



Model	MTZ4050	MTZ4040-IRAISMD	MTZ8250-IRAISMD-L
Image Sensor	4MP 1/2.8" CMOS	4MP 1/2.8" STARVIS™ CMOS	8MP 1/2.8" STARVIS™ CMOS
Focal Length/Lens	2.7 mm-13.5 mm (5x Zoom)	2.8 mm~12 mm (4x Optical zoom)	5 mm~125 mm (25x Optical zoom)
FOV-H	30.1° - 94.9°	31.6°~96.9°	53.1°~3.4°
Min. Illumination	0.005 lux@F1.6 (Color) 0.0005 lux@F1.6 (IR on) 0 lux (Warm Lights on)	0.005 Lux/F1.8 (Color) 0.000 Lux/F1.8 (IR on)	0.005 Lux@F1.6 (Color) 0.000 Lux@F1.6 (IR on)
Max. IR Distance	50 m (164 ft)	15m (49.21 ft)	328.08 ft (IR)
Video Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Max. Resolution	4MP (2560 x 1440)	4MP (2560x1440)	8MP (3840x2160)
Frame Rate	30FPS @ 4MP	30FPS @ 4MP	30FPS @ 8MP
Pan/Tilt/Rotation	Pan: 0° to 355° Tilt: -15° to +90°	Pan: 0°~355° Tilt: 5°~90°	Pan: 0°~360° endless Tilt: -15°~90°
Compatibility	CGI;SDK;ONVIF (Profile S&G&T);P2P	ONVIF Profile S, G & T; API	ONVIF Profile S, G & T; CGI
Audio In/Out	1 in/ 1 out Built-in Mic & Speaker	1 In/1 Out Built-in Mic	1 In/1 Out
Memory Slot	Micro SD Max 256GB	Micro SD, Max. 256GB	Micro SD, Max. 256GB
Ingress Protection	IP66	IP66, IK08, TUS 6000	IP67, TVS6000
Alarm In/Out	1 In/1 Out	No	2 In/1 Out
Working Temperature	-30°C~+60°C (-22°F~140°F)	-30°C~+60°C (-22°F~140°F)	-40°C~+70°C (-40°F~+158°F)
Power	DC12V, PoE+ (802.3at) Basic: 4.5W Max: 15W	DC12V, POE (802.3af) Max. 8.5W	Basic: 9.8 W Max. 20W (IR light + PTZ)
Perimeter Protection	Yes	Tripwire, Intrusion (Human & Vehicle Classification), Abandoned/Missing Objects	Tripwire, Intrusion (Human & Vehicle Classification), Abandoned/Missing Objects
Intelligent Search	Face Detection	Smart capture, Face detection	Face detection
SMD	SMD 3.0	SMD Plus	SMD Plus
Active Deterrence	Yes	No	No
Auto-Tracking	Human Only	No	No



Pan Tilt Zoom
with
Smart Motion Detect



PAN/TILT/ZOOM CAMERAS



Model	MTZ8250-IRAISMD-X	MTZ8250-IR-AISMD-AT-DI-AD	MTZ4250-IR-AISMD-AT-DI-AD	MTZ4250-IR-AISMD3-AT
Image Sensor	8MP 1/1.8" CMOS	8MP 1/1.8" CMOS	4MP 1/2.8" CMOS	4MP 1/2.8" 4MP CMOS
Focal Length/Lens	5.4 mm~135 mm (25x Optical zoom)	5.4 mm~135 mm (25x Optical Zoom)	4.8 mm~120 mm (25x Optical zoom)	5 mm~125 mm (25x Optical zoom)
FOV-H	61.6°~3.6°	61.6°~3.6°	55.8°~2.9°	51.4°~3°
Min. Illumination	0.005 Lux@F1.6 (Color) 0.000 Lux@F1.6 (B/W)	0.001 lux@F1.6 (Color, 30 IRE); 0.0001 lux@F1.6 (B/W, 30 IRE); 0 lux (Warm lights on)	0.005 Lux@F1.6 (Color) 0.0005 Lux@F1.6 (B/W) 0 lux (Warm lights on)	0.005 Lux@F1.6 (Color) 0.0005 Lux@F1.6 (B/W)
Max. IR Distance	150m (492 ft)	150 m (492.13 ft) (IR) 50 m (164.04 ft) (white light)	150 m (492.13 ft) (IR) 50 m (164.04 ft) (white light)	100m (328 ft)
Video Compression	H.265+/H.265/ H.264+/H.264	Smart H.265+; H.265; Smart H.264+; H.264B; H.264M; H.264H; MJPEG	Smart H.265+; H.265; Smart H.264+; H.264B; H.264M; H.264H; MJPEG	H.264H; H.264B; Smart H.265+; H.265; Smart H.264+; MJPEG; H.264M
Max. Resolution	8MP (3840x2160)	8MP (3840 x 2160)	4MP (2560x1440)	4MP (2560x1440)
Frame Rate	30FPS @ 8MP	25/30FPS @ 8MP	25/30FPS @ 4MP	25/30FPS @ 4MP
Pan/Tilt/Rotation	Pan: 0° to 360° endless Tilt: -15°~90°	Pan: 0° to 360° endless Tilt: -20° to +90°, auto flip 180°	Pan: 0° to 360° endless Tilt: -20° to +90°, auto flip 180°	Pan: 0° to 360° endless Tilt: -5° to +90°, auto flip 180°
Compatibility	P2P, ONVIF Profile S, G & T; CGI	ONVIF Profile S&G&T	ONVIF Profile S&G&T	ONVIF Profile S&G&T; CGI
Audio In/Out	1 In/1 Out	1 In/ 1 Out, Built-in Mic & Speaker	1 In/ 1 Out, Built-in Mic & Speaker	1 In/1 Out
Memory Slot	Micro SD, card 512GB	Micro SD, card 512GB	Micro SD card 256 GB	Micro SD card 512 GB
Ingress Protection	IP67; IK10; TVS 6000 V lightning proof; surge protection; voltage transient protection	IP66; TVS 6000 V lightning proof; surge protection; voltage transient protection	IP66; TVS 6000 V lightning proof; surge protection; voltage transient protection	IP66; TVS 6000 V lightning proof; surge protection; voltage transient protection
Alarm In/Out	2 In/1 Out	2 In/1 Out	2 In/1 Out	2 In/1 Out
Working Temperature	-40°C~+70°C (-40°F~+158°F)	-40 °C to +70 °C (-40 °F to +158 °F)	-40 °C to +70 °C (-40 °F to +158 °F)	-40 °C to +70 °C (-40 °F to +149 °F)
Power	DC24V, PoE+ (802.3at) Max. 21W	24 VDC/2.5 A ± 25% (included) PoE+ Max 23W (Illuminator)	24 VDC/2.5 A ± 25% (included) PoE+ Max 23W (Illuminator)	12 VDC, 3 A (± 10%), PoE+ (802.3at) Basic: 7W, Max. 17W (illuminator)
Perimeter Protection	Tripwire, Intrusion (Human & Vehicle Classification)	Tripwire, Intrusion (Human & Vehicle Classification)	Tripwire, Intrusion (Human & Vehicle Classification)	Tripwire, Intrusion (Human & Vehicle Classification)
Artificial Intelligence	Auto Tracking 3.0	Auto-Tracking, Face Detection	Auto Tracking, Face Detection	Auto Tracking, Face detection
SMD	SMD 4.0	SMD 3.0	SMD 3.0	SMD 3.0
Active Deterrence	No	Yes	Yes	No
Auto-Tracking	Yes	Yes	Yes	Yes

FISHEYE CAMERAS



Model	MTF5360X	MTF12360-AI
Image Sensor	5MP 1/2.7" progressive STARVIS CMOS	12MP 1/1.7" CMOS
Focal Length/Lens	1.4mm	1.85mm
FOV-H	360°/ H: 180°, V:180°	360°/ H: 185°; V: 180°
Min. Illumination	0.006 Lux@F2.0 (Color,1/3s) 0.000 Lux/F2.0 (IR on)	0.01 Lux@F2.0 (Color) 0.000 Lux (Illuminator on)
Day/Night	Auto(ICR) / Color / B/W	Auto(ICR)/Color/B/W
WDR	120dB	DWDR
Max. IR Distance	Distance up to 10m(33ft)	Distance up to 10m(33ft)
Video Compression	H.265; H.264; H.264H	H.265; H.264; H.264H; MJPEG (Only supported by the sub stream)
Smart Codec	Supported	Supported
Max. Resolution	5MP (2582x1944)	12MP 4000 (H) × 3000 (V)
Frame Rate	Main Stream: 5M (1~25FPS) Sub Stream: D1 (1 ~ 25/30FPS) Third Stream: D1 (1 ~ 10/17FPS)	Main stream: 4000 × 3000 (1~25FPS) sub stream: 704 × 576 (1~25/30FPS) third stream: 1280 × 960 (1~17FPS)
Multi-streaming	3 streams	3 streams
Pan/Tilt/Rotation	--	--
Compatibility	ONVIF, CGI, API	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec
Audio In/Out	1/1, Built-in Mic	1/1, Built-in Mic, Built-in Speaker
Memory Slot	Micro SD, Max. 128GB	Micro SD, Max. 256GB
Ingress Protection	Indoor Only	IP67 and IK10
Alarm In/Out	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC	2 channel in: 5mA 3V~5V DC 2 channels out: 1,000mA 30V DC/500mA 50V DC
Working Temperature	-10° C ~ +50° C (14° F ~ +122° F)	-40 °C to +60 °C (-40 °F to +140 °F)
Power	DC12V, PoE (802.3af)(Class 0) Max. 10.W	12V DC/PoE+ Max. 13.9W
Perimeter Protection	Tripwire, Intrusion	Tripwire, Intrusion
Intelligent Heat Map	Heat Map	Heat Map
People Counting	Yes	Yes



NVR's Lite Series



Model	MNR8040X-4	MNR8080-8	MNR8160-16
Processor	Industrial Embedded Micro-Processor	Industrial Embedded Micro-Processor	Industrial Embedded Micro-Processor
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	4 channels	8 channels	16 channels
Max Input/Record	80Mbps/80Mbps	80Mbps/80Mbps	160Mbps/160Mbps
Max Decoding	2ch 4K/4ch 2K/ 8@1080	2ch 4K/4ch 2K/ 8@1080	2ch 4K/4ch 2K/ 8@1080
Display	1HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA
Max HDD	1x16TB	1x16TB	2x16TB
eSATA/Mini SAS	--	--	--
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	No	4/2	4/2
Ethernet	1x100M Port	1 Gigabit Port	1 Gigabit Port
PoE	4 Ports (IEEE802.3at/af) Max 36W	8 Ports (IEEE802.3at/af) Max 72W	16 Ports (IEEE802.3at/af), Max 117W
USB	2 USB2.0	2 USB2.0	2 USB2.0
Power	DC48V/1.25A <10W (Without HDD)	AC100V~240V <10W (Without HDD)	AC100V~240V <10W (Without HDD)
Star Features	Plug & Play, P2P	Plug & Play, P2P	Plug & Play, P2P
Perimeter Protection	Supported	Supported	Supported
Face Recognition	No	No	No
Metadata	No	No	No



NVR's-AI 4 Series



Model	MNR4208-8P-AI	MNR4216-16P-AI	MNR4432-16P-AI
Processor	Industrial Embedded Micro-Processor	Industrial Embedded Micro-Processor	Industrial Embedded Micro-Processor
Video Compression	H.265+; Smart H.264+; H.265; H.264	H.265+; Smart H.264+; H.265; H.264	H.265+; Smart H.264+; H.265; H.264
IP Video Inputs	8 Channel	16 Channel	32 Channel
Max Input/Record	256 Mbps (180 Mbps when AI function enabled)	256 Mbps (180 Mbps when AI function enabled)	256 Mbps (180 Mbps when AI function enabled)
Max Decoding	8 x 1080P @30FPS	16 x 1080P @30FPS	16 x 1080P @30FPS
Display	1HDMI, 1VGA	1HDMI, 1VGA	1HDMI, 1VGA
Max HDD	2x16TB	2x16TB	4x16TB
eSATA/Mini SAS	No	No	No
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/2	4/2	16/4
Ethernet	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port
PoE	8 ports, 10/100 Mbps, IEEE 802.3 af/ at Max. 130W	16 ports, 10/100 Mbps, IEEE 802.3 af/ at Max. 130W	16 ports, 10/100 Mbps, IEEE 802.3 af/ at Max. 150W
USB	2	2	2
Power	AC100V~240V <10W (Without HDD)	AC100V~240V <10W (Without HDD)	AC100V~240V <10W (Without HDD)
Perimeter Protection	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported
Metadata	Supported	Supported	Supported
SMD	Motion Detection (Human and Vehicle Classification)	Motion Detection (Human and Vehicle Classification)	Motion Detection (Human and Vehicle Classification)
Face Detection	Supported	Supported	Supported
People Counting	Supported	Supported	Supported
Heat Map	Supported	Supported	Supported
ANPR	Supported	Supported	Supported
Fisheye Dewarp	Supported	Supported	Supported
AI by Recorder	1 Channel Face Detection 2 Channel Perimeter Protection 4 Channel SMD+	1 Channel Face Detection 2 Channel Perimeter Protection 4 Channel SMD+	1 Channel Face Detection 2 Channel Perimeter Protection 4 Channel SMD+
AI by Camera	Supported	Supported	Supported

NVR's PRO-AI 5 Series



Model	MNR5208-8P-AI	MNR5216-16P-AI	MNR5432-16P-AI	MNR5864-AI
Processor	Industrial Embedded Micro-Processor	Industrial Embedded Micro-Processor	Industrial Embedded Micro-Processor	Industrial Embedded Micro-Processor
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
IP Video Inputs	8 channels	16 Channel	16 Channel	64 channels
Max Input/Record	384 Mbps (200 Mbps when AI function enabled)	384 Mbps (200 Mbps when AI function enabled)	384 Mbps (200 Mbps when AI function enabled)	384 Mbps (200 Mbps when AI function enabled)
Max Decoding	8 x 4K @30FPS	16 x 4K @30FPS	32 x 1080 @30FPS	32 x 1080 @30FPS
Display	1HDMI, 1VGA	1HDMI, 1VGA	2HDMI, 2VGA	2HDMI, 2VGA
Max HDD	2x20TB	2x20TB	4x20TB	8x20TB
eSATA/Mini SAS	No	No	1	1
Audio In/Out	1/1, 2-way	1/1, 2-way	1/1, 2-way	1/1, 2-way
Alarm In/Out	4/2	4/2	16/6	16/8
Ethernet	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	2 Gigabit Port
PoE	8 ports (IEEE802.3at/af) Max. 130W	16 Ports (IEEE802.3at/af), Max. 130W	16 Ports (IEEE802.3at/af), Max. 150W	No
USB	2	2	3	4
Power	AC100V~240V <10W (Without HDD)	AC100V~240V <10W (Without HDD)	AC100V~240V <13W (Without HDD)	AC100V~240V <13W (Without HDD)
Perimeter Protection	Supported	Supported	Supported	Supported
Face Recognition	Supported	Supported	Supported	Supported
Metadata	Supported	Supported	Supported	Supported
SMD	Motion Detection (Human and Vehicle Classification)	Motion Detection (Human and Vehicle Classification)	Motion Detection (Human and Vehicle Classification)	Motion Detection (Human and Vehicle Classification)
Face Detection	Supported	Supported	Supported	Supported
People Counting	Supported	Supported	Supported	Supported
Heat Map	Supported	Supported	Supported	Supported
ANPR	Supported	Supported	Supported	Supported
Fisheye Dewarp	Supported	Supported	Supported	Supported
AI by Recorder	2 Channel Face Detection 4 Channel Perimeter Protection 8 Channel SMD+	2 Channel Face Detection 4 Channel Perimeter Protection 8 Channel SMD+	2 Channel Face Detection 4 Channel Perimeter Protection 8 Channel SMD+	2 Channel Face Detection 4 Channel Perimeter Protection 8 Channel SMD+
AI by Camera	Supported	Supported	Supported	Supported

NVR's ULTRA-AI 6 SERIES



Model	MNR68064-AI	MNR68128-AI
Processor	Industrial Embedded Micro-Processor	Industrial Embedded Micro-Processor
Video Compression	Smart H.265+; H.265; Smart H.264+; H.264; MPEG4; MJPEG	Smart H.265+; H.265; Smart H.264+; H.264; MPEG4; MJPEG
IP Video Inputs	64 channels	128 Channel
Max Input/Record	1024Mbps	1024Mbps
Max Decoding	32-channel 1080p@30 fps	32-channel 1080p@30 fps
Display	2-channel VGA, 2-channel HDMI	2-channel VGA, 2-channel HDMI
Max HDD	8x20TB	8x20TB
eSATA/Mini SAS	1	1
Audio In/Out	1 In/1 Out	1 In/ 2 Out
Alarm In/Out	16 In/ 8 Out	16 In/ 8 Out
Ethernet	2 Gigabit Port	2 Gigabit Port
PoE	No	No
USB	4	4
Power	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Star Features	Plug & Play, P2P	Plug & Play, P2P
Perimeter Protection	Supported	Supported
Face Recognition	Supported	Supported
Metadata	Supported	Supported
SMD	Motion Detection (Human and Vehicle Classification)	Motion Detection (Human and Vehicle Classification)
Face Detection	Supported	Supported
People Counting	Supported	Supported
Heat Map	Supported	Supported
ANPR	Supported	Supported
Fisheye Dewarp	Supported	Supported
AI by Recorder	4 Channel Face Detection 24 Channel Perimeter Protection 32 Channel SMD+	4 Channel Face Detection 24 Channel Perimeter Protection 32 Channel SMD+
AI by Camera	Supported	Supported



PoE SWITCHES/INJECTORS/WIRELESS BRIDGE



Model	MAS08P96H-X	MAS10P096GB	MAS16P135
Data Transmission Ports	Port 1-8: 8 x RJ-45 10/100 Mbps (PoE) Port 9: 1 x RJ-45 10/100/1000 Mbps (uplink) Port 10: 1 x SFP 1000 Mbps (uplink)	Port 1-8: 8 x RJ-45 10/100/1000 Mbps (PoE) Port 9-10: 2 x RJ-45 10/100/1000 Mbps (Uplink)	Port 1-16: 16 x RJ45 10/100 Mbps Port 17-18: 2 x RJ45 10/100/1000 Mbps (uplink) Port 17-18: 2 x SFP 1000 Mbps (uplink) (combo)
Switching Capacity	7.6Gbps	20 Gbps	7.2 Gbps
Packet Forwarding Rate	4.17Mpps	14.88 Mpps	5.3568 Mpps
Packet Buffer Memory	1Mb	1.5 Mb	4 Mb
MAC Table Size	8K	4K	8K
PoE Standard	PoE (802.3af), PoE+ (802.3at),Hi-PoE	IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt	PoE (802.3af),PoE+ (802.3at),Hi-PoE
PoE Budget	96W/ 1-2 ≤ 90W/ 3-8 ≤ 30W	96W	135W/ 1-2 ≤ 60W/ 3-8 ≤ 30W
Long Distance PoE Transmission	Supported	Supported	Supported
ESD Protection	Common Mode 4KV Differential Mode 2KV	No	Common Mode 4KV Differential Mode 2KV
Working Temperature	-30°C ~ +65°C (-22°F~+149°F)	-10 to 55°C (14°F to 131°F)	-10°C to 55°C (14°F to 131°F)
Dimensions (WxDxH)	150mm x100mm x42mm (5.9"x3.9"x1.7")	190 mm x 100 mm x 30 mm (7.48" x 3.94" x 1.18")	440 mm x 300 mm x 44 mm (17.32" x 11.81" x 1.73")



Model	MAS26P240	MACINJ60
Data Transmission Ports	Port 1-24: 24 x RJ45 10/100Mbps Port 25-26: 2 x RJ45 10/100/1000 Mbps (uplink) Port 25-26: 2 x SFP 1000 Mbps (uplink) (combo)	1 PoE in / 1 PoE out
Switching Capacity	8.8 Gbps	No
Packet Forwarding Rate	6.5472 Mpps	No
Packet Buffer Memory	4Mb	No
MAC Table Size	8K	No
PoE Standard	PoE (802.3af), PoE+ (802.3at),Hi-PoE	PoE/PoE+/Hi-PoE
PoE Budget	Port 1-2≤60W, Port 3-24≤30W, total≤240W	60W
Long Distance PoE Transmission	Supported	Supported
Lightning Protection	No	No
Working Temperature	-10°C to 55°C (14°F to 131°F)	-30 to 65°C (14°F to 131°F)
Dimensions (WxDxH)	440 mm x 300 mm x 44 mm (17.32" x 11.81" x 1.73")	150mmx70mmx39mm (5.9"x2.7"x1.53")

Model	MAWB-03P
Wireless Standard	2.4GHz: 802.11b/g/n; 5GHz: 802.11a/n/ac
Working Temperature	-30 °C to +65 °C (-22 °F to +149 °F)
Strong broadband	867 Mbps
Supports	2.4GHz and 5GHz Wireless standard
Power Supply	PoE IN: 802.3at; PoE OUT: 802.3af
Ethernet Ports	1 PoE in / 1 PoE out
Ethernet Port Speed	10/100/1000 Mbps

IP SPEAKER AND MICROPHONE

Model	MASPKR
Type	Built-in one microphone
Pickup Distance	≥8m
Frequency Response	50Hz-12KHz
MIC Input	15mV
Max Sound Pressure Level	120dB
Audio Protocol	MP3, G.711a/u.G. 722
Storage	512MB and TF card
Power Consumption	15W
Operating Temperature	-40°C ~+60°C(-40 °F ~+140 °F)
Protection Level	IP67



Features

- Aviation aluminum material, warm white, exquisite appearance, stainless steel hanger, anti-corrosion, perfect for outdoor environments in most climates.
- Simple installation with PoE, maximum connection distance of up to 300 ft. Embedded network port and highly durable construction.
- Supports multiple network protocols for easy configuration, supports ONVIF protocol, horn can carry out information scanning, broadcasting, and intercom, support standard SIP protocol, can use intercom function with standard SIP system, Supports viewing and modifying the software parameters of the horn through the web page.
- Support auxiliary input, insert 24V adapter, ordinary switch can also be used.
- Support one-key reset (1 reset button).
- 120dB



SERVER RACKS



Model	MA6URC 19" 6U Rack Cabinet	MA12URC 19" 12U Rack Cabinet
Material	SPCC	SPCC
Dimension (WxDxH)	600mmx450mmx372mm (23.62"x17.72"x14.57")	600mmx450mmx638mm (23.62"x17.72"x25.12")
Mount	Wall mount, plane mount	Wall mount, plane mount
Weight	13kg (28.66lb)	18.1kg (39.9lb)
Load Bearing	40kg (88.18lb)	40kg (88.18lb)
Color	Black	Black
Operating Temperature	-40°C~+60°C(-40°F~+140°F)	-40°C~+60°C(-40°F~+140°F)
Humidity	<90% RH	<90% RH



DISPLAY

Model	MAC22MON
Screen Size	21.45" (16:9)
Resolution	1920x1080
Brightness	250cd/m ²
Contrast Ratio	3000:1
Viewing Angle	H 178°, V 178°
Response Time	6.5ms
Display Color	8bit
Input	VGAx1, HDMIx1
Output	Earphone (Audio Out) x1
Control	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%
Power & Consumption	12Vdc, 2A/ 24W
Bezel Width	4.65mm (U/R/L), 16.8mm (B)
VESA	100x100mm
Dimensions	492.2x284.9x37.6mm (19.4"x11.2"x1.5")
Speakers	1.5 W
Weight	2.24kg (4.94lb)



CONTROL

Model	MAK1000
Control Mode(s)	Direct mode, Network mode, USB mode
Control Interface	1 RJ-45 port (10/100/1000M), RS232, RS485, RS422, USB
DVR/NVR Protocol	DH2
Dome Protocol	DH-SD1/PELCO-D/PELCO-P, etc
Max. Users	64 (including "admin")
Screen	Monochrome LCD screen (128x64)
Joystick	3-axis (zoom, focus, iris)
Main Processor	Industrial embedded microprocessor
Operating System	Embedded LINUX
USB	1 USB2.0
Power	DC12V/2A
Highlights	Multi-user access control; Controls DVR, NVR, EVS, Decoder, Matrix; Works with SmartPSS or DSSClient via USB port



MOUNTING REFERENCE

	MTF4095, MTT8095, MTT8100, MTT8108	MTD8110, MTT8112, MTT8113-V, MTT8106, MTD8113-V, MTT180	MTB4095, MTT8111, MTT8108, MTT4090	MTB8113-V, MTT8110	MTD4095, MTT8108	MTB180, MTT180-AD	MTZ8250-L, MTT8250-X, MTT4250-AD, MTT28250-AD	MTZ4040-IR	MTZ4050	MTZ4250-AT (Half Dome)	MTF5360 5MP Fisheye	MTF12360 12MP Fisheye
MAM120												
MAM130-E	X			X								
MAM132-E			X									X
MAM134				X								
MAM135												
MAM136					X							
MAM137												
MAM139												
MAM140						X						
MAM5300R												
MAM5310C												
MAM110W										X		
MAM150								X				
MAM151								X				
MAM152-E				X					X			
MAM157												
MAM203W					X							
MAM204W												
MAM300C												
MAM303S												
MAM303W										X		
MAM305W										X		
MAM107												
MAM100												X
MAM101												
MAM111												

MAM305W *Included

JUNCTION BOXES



MAM134



MAM135



MAM120



MAM136



MAM132-E



MAM137



MAM139



MAM130-E



MAM140



MAM5300R

MOUNTS



MAM110W



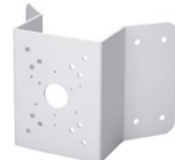
MAM150



MAM300C



MAM303S



MAM151



MAM152-E



MAM203W



MAM204W



MAM5310



MAM157



MAM305W



MAM303W



MAM5310C

MOUNT ADAPTERS



MAM100



MAM101



MAM107



MAM111

WARRANTY & DISCLAIMER

Length and Expiration of Standard 2 Year Warranty

The Montavue standard warranty covers the product, for two years from the documented date of purchase for most products*. The purchase date must be documented with either an original sales receipt from the first retailer selling the product or by credit card receipts or statements.

Exclusion applies to Pan-Tilt-Zoom (PTZ) Cameras: moving parts, belts, motors, bearings, etc. are covered for 1 year (rest of the PTZ camera is covered for 2 years).

Extended Warranty Plan

Purchasing a MontCare Extended Warranty Plan extends your warranty coverage to three years (standard 2-year warranty + 1 additional year) or five years (standard 2-year warranty + 3 additional years). The standard 2 year warranty applies the same to the 3-year and 5 year warranty with some exclusions:

- Hard Drive warranty is limited to 2 years, even if NVR/bundle is extended to 3 or 5 years.
- PTZ's are not covered under extended warranties. If purchased in a bundle, PTZ's are excluded under extended warranty. PTZ's are covered under the standard 1 year warranty on moving parts, 2 years on remaining parts.

Installer

3-Year standard installer warranty and a 2-Year warranty on accessories, and hard drives.

Catalog – Important Information / Disclaimer

All product specifications, statements, information and data (collectively, the "Information") in this catalog or made available on our website are subject to change. The customer is responsible for checking and verifying the extent to which the Information contained in this publication is applicable to an order at the time the order is placed. All Information given herein is believed to be accurate and reliable, but it is presented without guarantee, warranty, or responsibility of any kind, expressed or implied.



MONTAVUEGO Mobile App



With MontavueGO you can access and control your cameras and surveillance system from around the world with the power of internet and by using our incredibly easy to use application on your mobile device or computer. When using your mobile device, simply download the MontavueGO app and scan the QR code on your NVR in order to sync your system to your phone. Now you can view and control your cameras from anywhere. In addition to live viewings and remote playback of all of your footage, you'll be able to receive push notifications when your cameras detect motion. With Montavue's smart motion detection cameras, you'll get intelligent notifications, ensuring your cameras only send you the notifications that matter. Take action quickly with fast load times and easy access to active deterrent functions or two-way audio at your fingertips.

Features and Benefits

- Multiple-channel Live Preview (up to 16 windows)
- Multiple channel Playback (up to 4-channels)
- Fast, Slow, and By Frame modes for Video Playback
- Local Snapshots and Recording Stored Locally
- Memory Play Automatically displays the last video played in Live View
- Alarm Message Subscription and Alarm Events Pushed to APP
- Alarm Output Control with Alarm Message Subscription
- Review Local and Cloud Messages
- Stores up to Seven (7) Days of Messages



NOTES

NOTES:

OUR LOCATION

Montavue headquarters is located in beautiful Missoula, Montana. All of our shipping and processing is done from this location and this is the home of our tech support and sales team. Here in our great state, we are able to put our cameras to the true test, putting them against the elements of harsh Montana winters, wet season rains, and dry summer heat. Our products stand the test of time in one of America's wildest environments, so you can be sure you're ordering quality tested cameras from a trusted US based company.



The Clark Fork River runs through downtown Missoula, Montana



Precision Surveillance, Ultimate Security

US-Based
Support



Fast Shipping



Dependable
& Free App



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