

# MAXRON



دی ماه ۱۴۰۳

## Products List

Network Camera  
Network Video Recorder



# IP Camera

Model	MIC-TR1200B-M28	MIC-TR1200H-M28	MIC-BR1200E-M36	MIC-BR1501N-MS36	MIC-TR1501H-MS28
Image Sensor	1/3" 2Megapixel progressive CMOS	1/2.7" 2Megapixel progressive CMOS	1/3" 2Megapixel progressive CMOS	1/2.7" 5Megapixel progressive CMOS	1/2.7" 5Megapixel progressive CMOS
Effective Pixels	1920(H) x1080(V)	1920(H) x1080(V)	1920(H) x1080(V)	2592(H)x1944(V)	2592(H)x1944(V)
Minimum Illumination	Color 0.008lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.006lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.008lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Night vision	IR - up to 30 m	IR - up to 30 m	IR - up to 30 m	IR - up to 40 m	IR - up to 30 m
Lens	2.8mm	2.8mm	3.6mm	3.6mm	2.8mm
Angle of View	H:96° V:52° D:113°	H:103° V:55° D:126°	H:76° V:42° D:89°	H: 79°, V:56°, D: 106°	H:97°, V:70.57°, D:128.66°
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264
Streaming Capability	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Triple-Stream(Main/Sub/Moile)	Triple-Stream(Main/Sub/Moile)
Max. Resolution	1080P(1920x1080)@30fps	1080P(1920x1080)@30fps	1080P(1920x1080)@30fps	5MP(2592*1944)@20fps	5MP(2592*1944)@20fps
Video Enhacement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Wide Dynamic Range	DWDR	DWDR	DWDR	DWDR	DWDR
Smart Feature	N/A	N/A	N/A	Sound detection	Sound detection
Motion Detection	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)
Alarm	N/A	N/A	N/A	N/A	N/A
Audio	Built-in microphone	Built-in microphone	Built-in microphone	Built-in microphone	Built-in microphone
On-Board Storage	Micro SD slot, up to 256GB	N/A	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	N/A
Hardware Reset	N/A	N/A	N/A	Yes	N/A
Interoperability	ONVIF	ONVIF	ONVIF	ONVIF( Profile S/G/T)	ONVIF( Profile S/G/T)
Power Supply	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)
Working temperature	'-35 ~ +55°C/less than ≤ 95% RH	'-35 ~ +60°C/less than ≤ 95% RH	'-35 ~ +55°C/less than ≤ 95% RH	'-35 ~ +60°C/less than ≤ 95% RH	-35~+60°C/less than ≤ 95% RH
Ingress Protection/Casing	IP67 / Plastic	IP67 / Metal	IP66 / Plastic	IP67 / Metal	IP67 / Metal
	<b>25.450.000 R</b>	<b>28.200.000 R</b>	<b>22.300.000 R</b>	<b>43.550.000 R</b>	<b>42.000.000 R</b>

# IP Camera



**ECO**



**ECO FULL COLOR**

**NEW**



**ECO FULL COLOR**

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**ECO FULL COLOR**

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**ECO FULL COLOR**

**NEW**

Model	MIC-BR1501K-ASV	MIC-TD2202C-MS28	MIC-BD2202L-MS36	MIC-BD2402L-MS36	MIC-TD2402C-MS28
Image Sensor	1/2.7" 5Megapixel progressive CMOS	1/3" 2Megapixel progressive CMOS	1/3" 2Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS
Effective Pixels	2592(H)×1944(V)	1920(H)×1080(V)	1920(H)×1080(V)	2560(H)×1440 (V)	2560(H)×1440 (V)
Minimum Illumination	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.008lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.008lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Night vision	IR - up to 80 m	IR up to 40 m / WarmLight Up to 30m	IR up to 40 m / WarmLight Up to 30m	IR up to 40 m / WarmLight Up to 30m	IR up to 40 m / WarmLight Up to 30m
Lens	2.7-13.5mm	2.8mm	3.6mm	3.6mm	2.8mm
Angle of View	H:31 ~102°, V:23 ~ 73°, D:38 ~ 138°	H:97°, V:53°, D:115°	H:78°, V:42°, D:92°	H:78°, V:42°, D:92°	H:96°, V:52°, D:113°
Video Compression	H.265+/H.264+/H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Streaming Capability	Triple-Stream(Main/Sub/Mobile)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)
Max. Resolution	5MP(2592*1944)@20fps	2MP(1920x1080)@25fps	2MP(1920x1080)@25fps	4MP(2560x1440)@25fps	4MP(2560x1440)@25fps
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Wide Dynamic Range	DWDR	DWDR	DWDR	DWDR	DWDR
Smart Feature	Sound detection	SMD (Pedestrian&Vehicle) /Perimeter Intrusion / Line Crossing/Intrusion/Region Entrance/Region Exiting	SMD (Pedestrian&Vehicle) /Perimeter Intrusion / Line Crossing/Intrusion/Region Entrance/Region Exiting	SMD (Pedestrian&Vehicle) /Perimeter Intrusion / Line Crossing/Intrusion/Region Entrance/Region Exiting	SMD (Pedestrian&Vehicle) /Perimeter Intrusion / Line Crossing/Intrusion/Region Entrance/Region Exiting
Motion Detection	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)
Alarm	N/A	N/A	N/A	N/A	N/A
Audio	1 input (RCA), 1 output (RCA)	Built-in microphone	Built-in microphone	Built-in microphone	Built-in microphone
On-Board Storage	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB
Hardware Reset	Yes	Yes	Yes	Yes	Yes
Interoperability	ONVIF (Profile S/G/T)	ONVIF	ONVIF	ONVIF	ONVIF
Power Supply	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)
Working temperature	-35~+60°C/less than ≤ 95% RH	-35~+60°C/less than ≤ 90% RH	-35~+60°C/less than ≤ 90% RH	-35~+60°C/less than ≤ 90% RH	-35~+60°C/less than ≤ 90% RH
Ingress Protection/Casing	IP67 / Metal	IP67 / Metal	IP67 / Metal	IP67 / Metal	IP67 / Metal
	<b>73.200.000 R</b>	<b>28.200.000 R</b>	<b>27.400.000 R</b>	<b>38.700.000 R</b>	<b>39.500.000 R</b>

# IP Camera



**ECO FULL COLOR**



**ECO FULL COLOR**



**ACTIVE DETERRENCE**



**ACTIVE DETERRENCE**



**ACTIVE DETERRENCE**

Model	MIC-BD2203G-MS36	MIC-TD2203P-MS28	MIC-BA3404J-MBP36	MIC-BA3404JM-MBP36	MIC-TA3404BM-MBP28
Image Sensor	1/2.7" 2Megapixel progressive CMOS	1/2.7" 2Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS	1/3.0" 4Megapixel progressive CMOS
Effective Pixels	1920(H)x1080(V)	1920(H) x1080(V)	2560(H)x1440 (V)	2560(H)x1440 (V)	2560(H) x1440(V)
Minimum Illumination	Color 0.001lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.001lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.0005lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.0005lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.002lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
Night vision	IR up to 40 m / WarmLight Up to 30m	IR up to 40 m / WarmLight Up to 30m	IR up to 40 m / WarmLight Up to 30m	IR up to 40m / WarmLight Up to 30m	IR up to 40m / WarmLight Up to 30m
Lens	3.6mm	2.8mm	3.6 mm	3.6 mm	2.8 mm
Angle of View	H:88.88° V:48.25° D:105.59°	H:110.76° V:58.42° D:132.75°	H: 72°, V:42°, D: 90°	H:72°, V:42°, D:90°	H: 95°, V:51°, D: 112°
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Streaming Capability	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)
Max. Resolution	1080P(1920x1080)@25fps	1080P(1920x1080)@30fps	4MP(2560x1440)@25fps	4MP(2560x1440)@25fps	4MP(2560x1440)@25fps
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Wide Dynamic Range	DWDR	DWDR	DWDR	DWDR	DWDR
Smart Feature	Deterrence	Deterrence	SMD / Perimeter intrusion Detection (PID) / Line Crossing Detection(LCD) / Deterrence( 1Red & 1Blue Lights) /Sound detection /Video Tampering	SMD / Perimeter intrusion Detection (PID) / Line Crossing Detection(LCD) / Deterrence( 1Red & 1Blue Lights) /Sound detection /Video Tampering	SMD / Perimeter intrusion Detection (PID) / Line Crossing Detection(LCD) / Deterrence( 1Red & 1Blue Lights) /Sound detection /Video Tampering
Motion Detection	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)
Alarm	N/A	N/A	N/A	N/A	N/A
Audio	Built-in microphone	Built-in microphone	Built-in microphone & Speaker	Built-in microphone & Speaker	Built-in microphone & Speaker
On-Board Storage	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB
Hardware Reset	Yes	Yes	Yes	Yes	Yes
Interoperability	ONVIF	ONVIF	ONVIF	ONVIF	ONVIF
Power Supply	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)
Working temperature	-35 ~ +60°C/less than ≤ 95% RH	-35 ~ +60°C/less than ≤ 95% RH	-35~+60°C/less than ≤ 95% RH	-35~+60°C/less than ≤ 90% RH	-35~+60°C/less than ≤ 95% RH
Ingress Protection/Casing	IP67 / Metal	IP67 / Metal	IP66 / Front Metal-Body Plastic-Bracket Metal	IP67 / Metal	IP66 / Front Metal-Body Plastic-Bracket Metal
	<b>39.400.000 R</b>	<b>39.400.000 R</b>	<b>45.700.000 R</b>	<b>46.600.000 R</b>	<b>47.400.000 R</b>



# IP Camera



Model	ACTIVE DETERRENCE	ACTIVE DETERRENCE	AI	AI	AI
MIC-BA3804J-MBP36	MIC-BA3804JM-MBP36	MIC-BR4401G-MS36	MIC-TR4401B-MS28	MIC-TR4401BM-M28	
Image Sensor	1/2.7" 8Megapixel progressive CMOS	1/2.7" 8Megapixel progressive CMOS	1/3.0" 4Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS
Effective Pixels	3840(H)x2160(V)	3840(H)x2160(V)	2560(H) x1440(V)	2560(H)x1440 (V)	2560(H)x1440 (V)
Minimum Illumination	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Night vision	IR up to 40 m / WarmLight Up to 30m	IR up to 40 m / WarmLight Up to 30m	IR - up to 40 m	IR - up to 30 m	IR - up to 30 m
Lens	3.6mm	3.6mm	3.6 mm	2.8mm	2.8mm
Angle of View	H:88.88° V:48.44° D:107°	H:88.88° V:48.44° D:107°	H: 77.3°, V:42.1°, D: 90.7°	H:88°, V:48°, D:105°	H:96°, V:52°, D:113°
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Streaming Capability	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)	Dual-Stream(Main/Sub)
Max. Resolution	8MP(3840x2160)@15fps	8MP(3840x2160)@15fps	4MP(2560x1440)@25fps	4MP(2560x1440)@25fps	4MP(2560x1440)@25fps
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Wide Dynamic Range	DWDR	DWDR	DWDR	DWDR	DWDR
Smart Feature	SMD / Perimeter intrusion Detection(PID) / Line Crossing Detection (LCD) / Deterrence( 1Red & 1Blue Lights) / Sound detection / Video Tampering	SMD / Perimeter intrusion Detection(PID) / Line Crossing Detection (LCD) / Deterrence( 1Red & 1Blue Lights) / Sound detection / Video Tampering	SMD / Perimeter intrusion Detection(PID) / Line Crossing Detection (LCD) / Sound detection / Video Tampering	SMD / Perimeter intrusion Detection(PID) / Line Crossing Detection (LCD) / Sound detection / Video Tampering	SMD / Perimeter intrusion Detection(PID) / Line Crossing Detection (LCD) / Sound detection / Video Tampering
Motion Detection	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)
Alarm	N/A	N/A	N/A	N/A	N/A
Audio	Built-in microphone&Speaker	Built-in microphone&Speaker	Built-in microphone	Built-in microphone	Built-in microphone
On-Board Storage	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB
Hardware Reset	Yes	Yes	Yes	Yes	Yes
Interoperability	ONVIF	ONVIF	ONVIF	ONVIF	ONVIF
Power Supply	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)
Working temperature	-35 ~ +60°C/less than ≤ 95% RH	-35 ~ +60°C/less than ≤ 95% RH	-35~+55°C/less than ≤ 95% RH	-35~+55°C/less than ≤ 95% RH	-35~+55°C/less than ≤ 95% RH
Ingress Protection/Casing	IP66 / Front Metal-Body Plastic-Bracket Metal	IP67 / Metal	IP66 / Metal & Plastic	IP66 / Plastic	IP66 / Metal & Plastic
	<b>56.700.000 R</b>	<b>57.000.000 R</b>	<b>37.000.000 R</b>	<b>35.300.000 R</b>	<b>38.000.000 R</b>



# IP Camera

Model	AI	AI	AI ACTIVE DETERRENCE	AI ACTIVE DETERRENCE	AI
Model	MIC-BD4512G-MS36	MIC-TD4512P-MS28	MIC-BA4512L-MBP36	MIC-TA4512Z-MBP28	MIC-BD4522T-AS36
Image Sensor	1/2.7" 5Megapixel progressive CMOS	1/2.7" 5Megapixel progressive CMOS	1/2.7" 5Megapixel progressive CMOS	1/2.7" 5Megapixel progressive CMOS	1/2.7" 5Megapixel progressive CMOS
Effective Pixels	2880(H)x1620(V)	2880(H)x1620(V)	2880(H)x1620(V)	2880(H)x1620(V)	2880(H)x1620(V)
Minimum Illumination	Color 0.002lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.002lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.002lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.002lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.002lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
Night vision	IR up to 40m / WarmLight Up to 30m	IR up to 40m / WarmLight Up to 30m	IR up to 40m / WarmLight Up to 30m	IR up to 40m / WarmLight Up to 30m	IR up to 80m / WarmLight Up to 50m
Lens	3.6 mm	2.8mm	3.6mm	2.8mm	3.6mm
Angle of View	H: 88.3°, V:47.8°, D: 104.7°	H:110°, V:57.8°, D:131.6°	H:88° V:48° D:108°	H:110° V:58° D:132°	H: 88.3°, V:47.8°, D: 104.7°
Video Compression	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265/H.264	H.265/H.264	H.265+/H.264+/H.265/H.264
Streaming Capability	Triple-Stream(Main/Sub/Mobile)	Triple-Stream(Main/Sub/Mobile)	Triple-Stream(Main/Sub/Mobile)	Triple-Stream(Main/Sub/Mobile)	Triple-Stream(Main/Sub/Mobile)
Max. Resolution	5MP(2880x1620)30fps	5MP(2880x1620)/30fps	5MP(2880x1620)@30fps	5MP(2880x1620)@30fps	5MP(2880x1620)@25fps
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Wide Dynamic Range	WDR	WDR	WDR	WDR	WDR
Smart Feature	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD) License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD) License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD)/Deterrence( 1Red & 1Blue Lights) License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD)/Deterrence( 1Red & 1Blue Lights) License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD) License Plate Detection (LPD) / Face detection (FD)
Motion Detection	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)
Alarm	N/A	N/A	N/A	N/A	N/A
Audio	Built-in microphone	Built-in microphone	Built-in microphone & Speaker (Custom Voice)	Built-in microphone & Speaker (Custom Voice)	1 input (RCA), 1 output (RCA)
On-Board Storage	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB
Hardware Reset	Yes	Yes	Yes	Yes	Yes
Interoperability	ONVIF( Profile S/G/T)	ONVIF( Profile S/G/T)	ONVIF( Profile S/G/T/M)	ONVIF( Profile S/G/T/M)	ONVIF( Profile S/G/T)
Power Supply	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)
Working temperature	-35~+60°C/less than ≤ 95% RH	-35 ~ +60°C/less than ≤ 95% RH	-35~+60°C/less than ≤ 90% RH	-35~+60°C/less than ≤ 90% RH	-35 ~ +60°C/less than ≤ 95% RH
Ingress Protection/Casing	IP67 / Metal	IP67 / Metal	IP67 / Metal	IP67 / Metal	IP67 / Metal
	<b>55.900.000 R</b>	<b>55.500.000 R</b>	<b>55.900.000 R</b>	<b>56.150.000 R</b>	<b>76.600.000 R</b>



# IP Camera

Model	AI	AI ACTIVE DETERRENCE	PRO AI	PRO AI	PRO AI ACTIVE DETERRENCE
Image Sensor	1/2.7" 5Megapixel progressive CMOS	1/2.7" 5Megapixel progressive CMOS	1/2.8" 2Megapixel progressive CMOS	1/2.8" 2Megapixel progressive CMOS	1/1.8" 4Megapixel ultra low light Ultra Ai chipset
Effective Pixels	2880(H)x1620(V)	2880(H)x1620(V)	1920(H)x1080(V)	1920(H) x1080(V)	2688(H) x1520(V)
Minimum Illumination	Color 0.004lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.002lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Color 0.002lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.002lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.0005lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
Night vision	IR up to 80m	IR up to 60m / WarmLight Up to 40m	IR up to 100m	IR - up to 80 m	WarmLight Up to 50m
Lens	2.8 - 12 mm	2.8 - 12 mm	5 ~ 50 mm	2.7 - 13.5 mm	3.6 mm
Angle of View	H: 107°, V:55°, D: 134	H: 113°, V:59°, D: 138°	H:49-7 ° V:27-5 ° D:57-8°	H: 101 ~ 33°, V:52 ~ 18°, D: 124 ~ 37°	H: 96°, V:51°, D: 115°
Video Compression	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Streaming Capability	Triple-Stream(Main/Sub/Mobile)	Triple-Stream(Main/Sub/Mobile)	Triple-Stream(Main/Sub/Mobile)	Triple-Stream(Main/Sub/Mobile)	Triple-Stream(Main/Sub/Mobile)
Max. Resolution	5MP(2880x1620)@25fps	5MP(2880x1620)@30fps	2MP(1920x1080)@60fps	1080P(1920x1080)@60fps	4MP(2688x1520)@30fps
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Wide Dynamic Range	WDR	WDR	WDR	WDR	130db
Smart Feature	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD) License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD)/Deterrence( 1Red & 1Blue Lights) License Plate Detection (LPD) / Face detection (FD)	Face Recognition (FR) / Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD) License Plate Detection (LPD) / Face detection (FD)	Face Recognition (FR) / Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD) License Plate Detection (LPD) / Face detection (FD)	Face Recognition (FR) / Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD) Static Object Detection (SOD) / Crossing Counting (CC) Crowd density detection (CD) / Queue length detection (QD) / Heat Map(HM) Rare Sound detection(RSD) / Deterrence( 1Red & 1Blue Lights) License Plate Detection (LPD) / Face detection (FD)
Motion Detection	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)	Off/On (8 Level)
Alarm	1 input, 1 output	N/A	1 input, 1 output	1 input, 1 output	N/A
Audio	1 input (RCA), 1 output (RCA)	Built-in microphone&Speaker	1 input (RCA), 1 output (RCA)	1 input (RCA), 1 output (RCA)	Built-in microphone&Speaker
On-Board Storage	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB	Micro SD slot, up to 256GB
Hardware Reset	Yes	Yes	Yes	Yes	Yes
Interoperability	ONVIF( Profile S/G/T)	ONVIF( Profile S/G/T)	ONVIF( Profile S/G/T/M)	ONVIF( Profile S/G/T)	ONVIF( Profile S/G/T)
Power Supply	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)	D12V/POE(IEEE802.3af)
Working temperature	-35 ~ +60°C/less than ≤ 95% RH	-35 ~ +60°C/less than ≤ 95% RH	-35~+60°C/less than ≤ 90% RH	-35~+60°C/less than ≤ 95% RH	-30~+60°C/less than ≤ 95% RH
Ingress Protection/Casing	IP67 / Metal	IP67 / Metal	IP67 / Metal	IP67 / Metal	IP67 / Metal
	<b>84.500.000 R</b>	<b>100.700.000 R</b>	<b>134.500.000 R</b>	<b>81.800.000 R</b>	<b>109.900.000 R</b>

## Speed dome



Model	MIC-SR5233SD-AOS	MIC-SR5333SD-AOS
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Effective Pixels	2592(H)x1944(V)	2592(H)x1944(V)
Minimum Illumination	Color 0.003lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON	Color 0.003lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Presets	255	255
Video Compression	H.265+/H.264+/H.265/H.264	H.265+/H.264+/H.265/H.264
Max. Resolution	(2592x1944)@30fps	(2592x1944)@30fps
Zoom	33x optical	33x optical
Focal Length	4.3mm to 142mm	4.3mm to 142mm
Video Enhancement	BLC/3D DNR/HLC	BLC/3D DNR/HLC
Wide Dynamic Range	WDR	WDR
FOV	Horizontal field of view: 55° to 2.3° (wide-tele), Vertical field of view: 41.6° to 1.7° (wide-tele), Diagonal field of view: 67.9° to 2.8° (wide-tele)	Horizontal field of view: 55° to 2.3° (wide-tele), Vertical field of view: 41.6° to 1.7° (wide-tele), Diagonal field of view: 67.9° to 2.8° (wide-tele)
Supplement Light Range	IR Distance: up to 150 m	IR Distance: up to 150 m
Deep Learning Function	Face detection, Human & Vehicle Detection Perimeter Intrusion Detection, Line Crossing Detection, Stationary Object Detection Crossing Counting, Heat Map, Sound detection Video Tampering	Face detection, Human & Vehicle Detection Perimeter Intrusion Detection, Line Crossing Detection, Stationary Object Detection Crossing Counting, Heat Map, Sound detection Video Tampering
Smart Tracking	auto-tracking	auto-tracking
Audio	1 inputs, 1 output	1 inputs, 1 output
Alarm	1 inputs, 1 output	1 inputs, 1 output
On-Board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB
Hardware Reset	N/A	YES
Interoperability	Onvif ( Profile S, Profile G, Profile T), Http API	Onvif ( Profile S, Profile G, Profile T), Http API
Power Supply	DC 12V/POE+, max. 25.6 W	DC 12V/POE+, max. 25.6 W
Working temperature	-30 °C to 60 °C (-22 °F to 149 °F) Humidity 90% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 149 °F) Humidity 90% or less (non-condensing)
Ingress Protection/Casing	IP66 / Metal	IP66 / Metal
	<b>416.000.000 R</b>	<b>437.000.000 R</b>

# NVR



	<b>4 CH</b>	<b>8 CH</b>	<b>16 CH</b>	<b>16 CH</b>
<b>Model</b>	<b>MNR-7104-4K</b>	<b>MNR-7108-4K</b>	<b>MNR-8116-4K</b>	<b>MNR-8216-4K</b>
Video Resolution	8MP,5MP, 3MP ,2MP(1080P)	8MP,5MP, 3MP ,2MP(1080P)	8MP,5MP, 3MP ,2MP(1080P)	8MP,5MP, 3MP ,2MP(1080P)
incoming Bandwidth	50Mbps	76Mbps	112Mbps	112Mbps
Compression	Audio: G.711A,G/711U Video : H.264/H.264+/H.265/H.265+	Audio: G.711A,G/711U Video : H.264/H.264+/H.265/H.265+	Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+	Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+
Decode	'4K : 30fps/4MP : 60fps/2MP:120fps	'4K : 30fps/4MP : 60fps/2MP:120fps	'4K:45fps / 4MP:90fps / 2MP:180fps	'4K:45fps / 4MP:90fps / 2MP:180fps
Playback	1CH@ 4K(30fps) 2CH@ 5M(25fps) 4CH@ 4M(15fps) 4CH@ 2M(30fps)	1CH@ 4K(30fps) 2CH@ 5M(25fps) 4CH@ 4M(15fps) 4CH@ 2M(30fps)	3CH@ 4K(15fps) 4CH@ 5M(15fps) 4CH@ 4M(20fps) 12CH@ 2M(15fps)	3CH@ 4K(15fps) 4CH@ 5M(15fps) 4CH@ 4M(20fps) 12CH@ 2M(15fps)
Push Notification	Yes	Yes	Yes	Yes
VGA	1	1	1	1
HDMI	1	1	1	1
Ethernet	1 RJ45 10/100 Base-T	1 RJ45 10/100 Base-T	1 RJ45 100/1000 Base-T	1 RJ45 100/1000 Base-T
USB	USB2.0*1(front) USB2.0*1+(rear)	USB2.0*1(front) USB2.0*1+(rear)	USB2.0*1(front) USB2.0*1+(rear)	USB2.0*1(front) USB2.0*1+(rear)
Audio in /out	0/1	0/1	0/1	0/1
Alarm Input/out	N/A	N/A	N/A	N/A
HDD	1 SATA HDD, up to 10TB	1 SATA HDD, up to 10TB	1 SATA HDD, up to 10TB	2 SATA HDDs, up to 20TB
E-sata	N/A	N/A	N/A	N/A
Onvif	Yes	Yes	Yes	Yes
AI Support	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (SOD) / Crossing Counting (CC) / Crowd density detection (CD)/Queue length detection (QD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (SOD) / Crossing Counting (CC) / Crowd density detection (CD)/Queue length detection (QD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (SOD) / Crossing Counting (CC) / Crowd density detection (CD)/Queue length detection (QD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (SOD) / Crossing Counting (CC) / Crowd density detection (CD)/Queue length detection (QD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD)
Input Voltage/Current	DC12V/2A	DC12V/2A	DC12V/2A	DC12V/2A
Operating Temperature/Humidity	-10°C~+50°C (14°F ~ 122°F)/ Less than 90%RH	-10°C~+50°C (14°F ~ 122°F)/ Less than 90%RH	-10°C~+50°C (14°F ~ 122°F)/ Less than 90%RH	-10°C~+50°C (14°F ~ 122°F)/ Less than 90%RH
Dimension (WxDxH)	300X227X53mm	300X227X53mm	300X227X53mm	380X340X50mm
	<b>49.250.000 R</b>	<b>57.800.000 R</b>	<b>74.500.000 R</b>	<b>81.500.000 R</b>



# NVR



**32 CH**



**32 CH**

**NEW**



**32 CH**





**NEW**



**32 CH**

Model	MNR-8432-4K	MNR-8832-4K	MNR-9232-4K	MNR-9432-4K
Video Resolution	8MP,5MP,3MP,2MP(1080P)	8MP,5MP,3MP,2MP(1080P)	12MP/8MP/5MP/4MP/3MP/1080p/720p	12MP/8MP/5MP/4MP/3MP/1080p/720p
incoming Bandwidth	256Mbps	256Mbps	320Mbps	320Mbps
Compression	Audio: G.711A;G.711U Video: H.264/H.264+/H.265/H.265+	Audio: G.711A;G.711U Video: H.264/H.264+/H.265/H.265+	Audio: G.711A;G.711U Video: H.264/H.264+/H.265/H.265+	Audio: G.711A;G.711U Video: H.264/H.264+/H.265/H.265+
Decode	'4K: 60fps/4MP: 120fps/2MP:240fps	'4K: 60fps/4MP: 120fps/2MP:240fps	12MP:30fps/ 8MP:120fps / 4MP:240fps / 2MP:480fps	12MP:30fps/ 8MP:120fps / 4MP:240fps / 2MP:480fps
Playback	2CH@ 4K(30fps) 3CH@ 5MP(30fps) 4CH@ 4MP(30fps) 8CH@ 2MP(30fps)	2CH@ 4K(30fps) 3CH@ 5MP(30fps) 4CH@ 4MP(30fps) 8CH@ 2MP(30fps)	1CH@ 12MP(30fps) 4CH@ 4K(30fps) 8CH@ 4MP(30fps) 16CH@ 2MP(30fps)	1CH@ 12MP(30fps) 4CH@ 4K(30fps) 8CH@ 4MP(30fps) 16CH@ 2MP(30fps)
Push Notification	Yes	Yes	Yes	Yes
VGA	1	1	1	1
HDMI	2	2	2	2
Ethernet	2 RJ45 100/1000 Base-T	2 RJ45 100/1000 Base-T	2 RJ-45 ports (1000M) /RS485	2 RJ-45 ports (1000M) /RS485
USB	USB2.0*1(front) USB3.0*1+USB2.0*1(rear)	USB2.0*1(front) USB3.0*1+USB2.0*1(rear)	USB2.0*1(front) USB3.0*1+USB2.0*1(rear)	USB2.0*1(front) USB3.0*1+USB2.0*1(rear)
Audio in /out	1/1	1/1	1/1	1/1
Alarm Input/out	16 in /1 out	16 in /4 out	16ch in / 4ch out	16ch in / 4ch out
HDD	4 SATA , each HDD up to 10TB	8 SATA , each HDD up to 10TB	2 SATA HDDs, each HDD up to 12TB	4 SATA HDDs, each HDD up to 12TB
E-sata	1	1	1	1
Onvif	Yes	Yes	Yes	Yes
AI Support	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (SOD) / Crossing Counting (CC) / Crowd density detection (CD) /Queue length detection (QD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (SOD) / Crossing Counting (CC) / Crowd density detection (CD) /Queue length detection (QD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD)	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (OD) / Crossing Counting (CC) / Crowd density detection (CDD) /Queue length detection (QLD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD) AI captured / AI Registered	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (OD) / Crossing Counting (CC) / Crowd density detection (CDD) /Queue length detection (QLD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD) AI captured / AI Registered
Input Voltage/Current	12V/5A	12V/5A	12V/5A	12V/5A
Operating Temperature/Humidity	-10°C~+50°C (14°F ~ 122°F)/ Less than 90%RH	-10°C~+50°C (14°F ~ 122°F)/ Less than 90%RH	-0°C~+50°C (32°F ~ 122°F) Less than 90%RH	-0°C~+50°C (32°F ~ 122°F) Less than 90%RH
Dimension (WxDxH)	378*325.8*66mm	378*325.8*66mm	378*317*50mm	378*326*66mm
	<b>178.600.000 R</b>	<b>Call</b>	<b>145.000.000 R</b>	<b>196.000.000 R</b>

# NVR

				
	<b>64 CH</b>	<b>64 CH</b>	<b>64 CH</b>	<b>256 CH</b>
<b>Model</b>	<b>MNR-9864-4K</b>	<b>MNR-9464-XI-4K</b>	<b>MNR-9864-XI-4K</b>	<b>MNR-916256-XI-4K</b>
Video Resolution	8MP,5MP, 3MP ,2MP(1080P)	12MP,8MP,5MP, 3MP ,2MP(1080P)	12MP,8MP,5MP, 3MP ,2MP(1080P)	12MP,8MP,5MP, 3MP ,2MP(1080P)
incoming Bandwidth	320Mbps	640Mbps	640Mbps	1024M
Compression	Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+	Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+	Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+	Audio: G.711A;G.711U Video : H.264/H.264+/H.265/H.265+
Decode	4K: 120fps/ 5MP:195fps / 4MP: 240fps / 2MP: 480fps	12MP:60fps/ 8MP:240fps / 4MP:480fps / 2MP:960fps	12MP:60fps/ 8MP:240fps / 4MP:480fps / 2MP:960fps	12MP:60fps/ 8MP:240fps / 4MP:480fps / 2MP:960fps
Playback	8CH@ 4K(15fps) 13CH@ 5MP(15fps) 16CH@ 4MP(15fps) 32CH@ 2MP(15fps)	2CH@ 12MP(30fps) 8CH@ 4K(30fps) 16CH@ 4MP(30fps) 32CH@ 2MP(30fps)	2CH@ 12MP(30fps) 8CH@ 4K(30fps) 16CH@ 4MP(30fps) 32CH@ 2MP(30fps)	2CH@ 12MP(30fps) 8CH@ 4K(30fps) 16CH@ 4MP(30fps) 32CH@ 2MP(30fps)
Push Notification	Yes	Yes	Yes	Yes
VGA	1	-	-	-
HDMI	1	4	4	4
Ethernet	2 RJ-45 ports (1000M) /RS485	2 RJ-45 ports (1000M) /RS485/RS232	2 RJ-45 ports (1000M) /RS485/RS232	2 RJ-45 ports (1000M) /RS485/RS232
USB	1x3.0 USB for backup/upgrade 2x 2.0 USB for mouse	USB2.0*1(front) USB3.0*2(rear)	1x3.0 USB for backup/upgrade 2x 2.0 USB for mouse	USB2.0*1(front) USB3.0*2(rear)
Audio in /out	1/1	1/1	1/1	1/1
Alarm Input/out	16ch in / 4ch out	16ch in / 4ch out	16ch in / 4ch out	16ch in / 4ch out
HDD	8 SATA HDDs, each HDD up to 8TB (Min 4 HDD)	4 SATA HDD,up to 18TB (Enterprise-Class)	8 SATA HDDs, each HDD up to 8TB (Min 4 HDD)	16 SATA HDD, up to 18TB (Enterprise-Class)
E-sata	1	1	1	1
Onvif	Yes	Yes	Yes	Yes
AI Support	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (OD) / Crossing Counting (CC) / Crowd density detection (CDD) /Queue length detection (QLD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD) AI captured / AI Registered	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (OD) / Crossing Counting (CC) / Crowd density detection (CDD) /Queue length detection (QLD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD) AI captured / AI Registered	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (OD) / Crossing Counting (CC) / Crowd density detection (CDD) /Queue length detection (QLD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD) AI captured / AI Registered	Perimeter intrusion Detection (PID) Line Crossing Detection (LCD) Pedestrian Detection (PD) & Vehicle Detection (VD)/ Static Object Detection (OD) / Crossing Counting (CC) / Crowd density detection (CDD) /Queue length detection (QLD) Heat Map(HM) / Rare Sound detection(RSD) / License Plate Detection (LPD) / Face detection (FD) AI captured / AI Registered
Input Voltage/Current	AC 100~240V	12V/5A	12V/5A	ATX 250W
Operating Temperature/Humidity	-10°C~+50°C (14°F ~ 122°F) Less than 90%RH	-10°C~+50°C (14°F ~ 122°F) Less than 90%RH	-10°C~+50°C (14°F ~ 122°F) Less than 90%RH	-10°C~+50°C (14°F ~ 122°F) Less than 90%RH
Dimension (WxDxH)	440*460*89mm	378*325.8*66mm	440*460*89mm	440*460*149mm
	<b>343.000.000 R</b>	<b>351.500.000 R</b>	<b>435.500.000 R</b>	<b>955.000.000 R</b>

