

AI 25X/30X/36X/42X Speed Dome Network Camera



Camera	Model	MS-C4441-X36RPE (/W) (4MP)	MS-C2941-X42R(T)PE (/W) (2MP)	MS-C5341-X42PE (/W) (5MP)	MS-C8241-X36PE (/W) (4K)
	Image Sensor	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.8 B/W: 0Lux with IR on	Color: 0.008Lux@F1.8 B/W: 0Lux with IR on	Color: 0.009Lux@F1.55 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR		
	Shutter Time	1/100000s~1s			
	DORI Distance	D: 151~4240m O: 60~1670m R: 30~835m I: 15~417m	D: 109~4670m O: 43~1840m R: 21.5~918m I: 11~459m	D: 145~6220m O: 57~2450m R: 28.5~1220m I: 14~612m	D: 151~4240m O: 59.5~1670m R: 30~835m I: 15~417m
	Digital Zoom	16X			
	Day/Night Mode	Day/Night/Auto/Customize/Schedule			
	S/N	>55dB			
Lens	Focal Length	5.7~205.3mm, 36X Optical Zoom	7~300mm, 42X Optical Zoom	7~300mm, 42X Optical Zoom	5.7~205.2mm, 36X Optical Zoom
	Zoom Speed	Approx 7s (Wide-Tele)	Approx 7s (Wide-Tele)	Approx 7s (Wide-Tele)	Approx 7s (Wide-Tele)
	Field of View	H63°~H3°/D69°~D3°/ V38°~V1°	H45°~H2°/D50°~D2°/ V27°~V1°	H43°~H2°/D53°~D2°/ V33°~V1°	H65°~H2.5°/D72°~D2.9°/ V40°~V1.4°
	Focus Control	Auto/Semi-Auto/Manual			
	Minimum Working Distance	1500/1500mm (Wide/Tele)	1200/1500mm (Wide/Tele)	1200/1500mm (Wide/Tele)	1500/1500mm (Wide/Tele)
	Aperture	F1.4~F4.8	F1.8~F6.5	F1.8~F6.5	F1.55~F4.8
	Iris Control	Auto			
PTZ	Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1°~250°/s, Pan Preset Speed: 250°/s			
	Tilt Range/Tilt Speed	-5°~90°(Auto Flip) / Tilt Manual Speed: 0.1°~160°/s, Tilt Preset Speed: 160°/s			
	Proportional Zoom	Support			
	Preset Quantity	300			
	Patrol	8 Patrols, up to 48 presets each patrol			
	Pattern	4 Patterns			
	Auto Tracking	Support			
	Power Off Memory	Support			
	Other Function	Auto Scan, Auto Home, Preset Freezing, 3D positioning, PTZ Limits, Initial Position			

AI 25X/30X/36X/42X Speed Dome Network Camera



IR	IR Distance	Up to 300m			
	IR Angle	Auto/Manual			
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port			
	Audio I/O	1/1			
	Alarm I/O	4/2			
	RS485	Support			
Video	Max. Image Resolution	2688x1520	1920x1080	2592x1944	3840x2160
	Primary Stream	60Hz: 60fps@(2688x1520, 2304x1296, 1920x1080, 1280x720) 50Hz: 50fps@(2688x1520, 2304x1296, 1920x1080, 1280x720)	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), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960, 1280x720) 50Hz: 25fps@(2592x1944, 2592x1520), 45fps@(2048x1536), 50fps@(1920x1080, 1280x960, 1280x720)	60Hz: 30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)			
	Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 320x240), 60Hz: 15fps@(1920x1080) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 320x240), 50Hz: 15fps@(1920x1080)	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240)	60Hz: 30fps@(2048x1536, 1920x1080, 1600x1200, 1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(2048x1536, 1920x1080, 1600x1200, 1280x720, 704x576, 640x480, 640x360, 320x240)	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
Image	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)			
	ROI	Up to 8 areas			
	Image Setting	Brightness/Contrast/Saturation/Sharpness			
	Image Enhancement	BLC, HLC, 2D DNR, 3D DNR, AGC, Defog, AWB, Deblur, Anti-flicker, Corridor Mode			
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,TLS 1.2			
Audio	Audio Compression	G.711/AAC/G.722/G.726			
	Audio Sampling Rate	8/16/32/44.1/48KHz			
	Audio Bit Rate	16~256kbps			

AI 25X/30X/36X/42X Speed Dome Network Camera

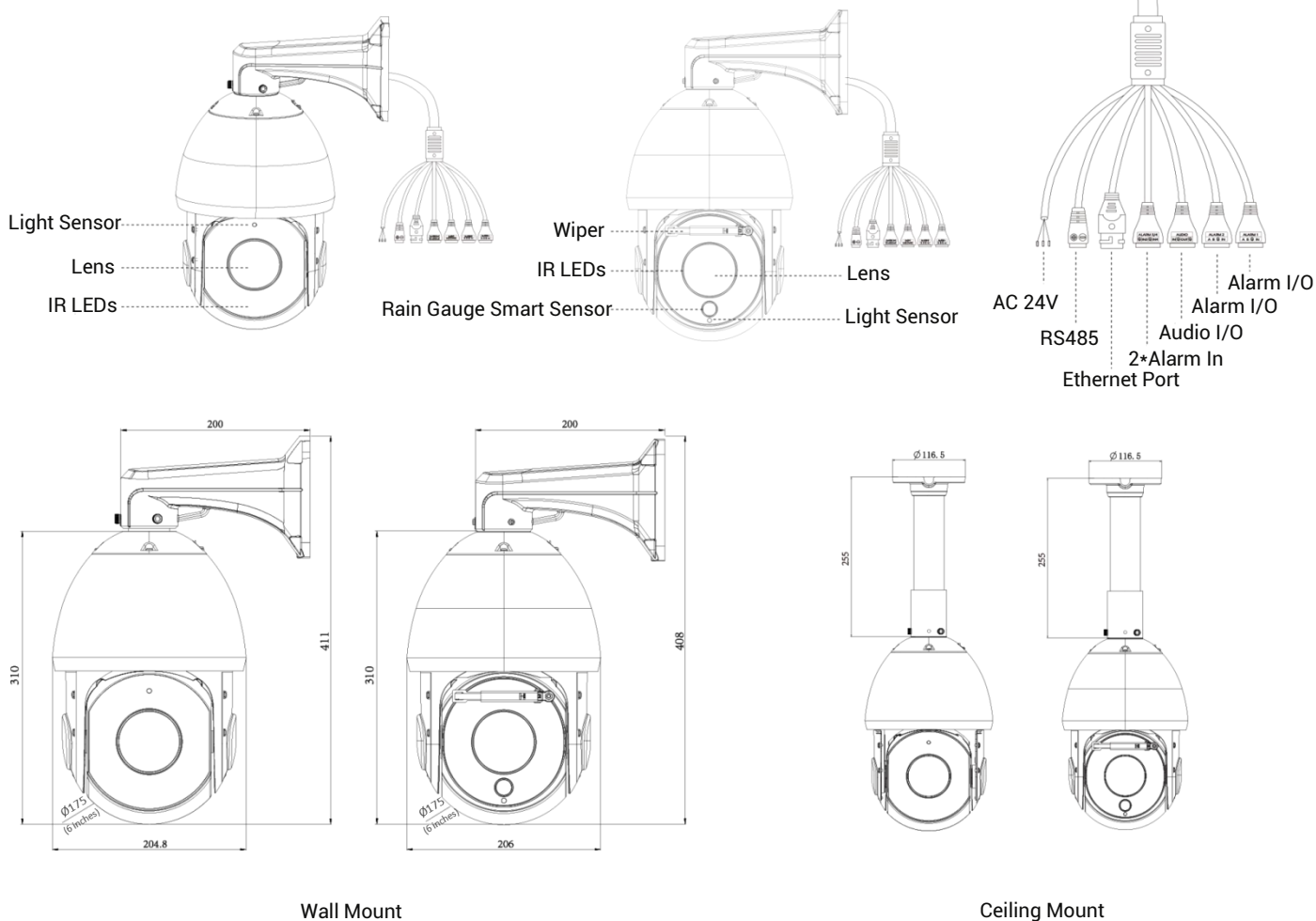


Intelligent Analytics	Video Analysis	VCA 2.0: Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Line Crossing, Loitering, Object Left, Object Removed			
	Attribute Extraction	Simultaneously detect up to 50 targets and capture humans and vehicles in real time. Recognize attributes including Upper and Lower Clothing Color, Hat, and Vehicle Types (Bicycle, Car, Motorcycle, Bus, Truck, E-scooter).			
	Face Detection&Face Attribute Recognition	Detect and capture faces, get real-time snapshots. The attributes include Age, Gender, Glasses, Mask and Cap.			
	Object Counting & Report	Count the number of objects crossing the line, optionally human and vehicle, Support regional people counting for up to 4 detection areas			
Event	Basic Event	Motion Detection, Tamper Detection, Network Disconnection, External Input, Audio Alarm, etc.			
	Exception	Network Disconnection, IP Address Filtering, Record Failed, SD Card Full, SD Card Uninitialized, SD Card Error, No SD Card, Watermark			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.			
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB			
	SIP/VoIP Support	Yes, Voice & Video-over-IP			
	System Compatibility	ONVIF Profile G & M & S & T, API			
General	Working Condition	Temperature: -40℃~60℃ / Humidity: 0~95%(Non-condensing)			
	Power Supply	PoE (802.3at) / AC 24V/ DC 24V/ 3A±10%			
	Power Consumption	Min.: 11.3W (DC 12V), 12.4W(PoE) Max.: 24.5W (DC 12V), 26.8W(PoE)	Min.: 10.5W (DC 12V), 11.2W(PoE) Max.: 21.7W (DC 12V), 24.2W(PoE)	Min.: 10.3W (DC 12V), 11.3W(PoE) Max.: 23W (DC 12V), 25.5W(PoE)	Min.: 11.5W (DC 12V), 14.5W(PoE) Max.: 24.5W (DC 12V), 28.4W(PoE)
	Heater	Support			
	Wiper(Optional)	Support			
	Surge Protection	6KV			
	Dimensions/Weight	Φ 205mmX308mm/4Kg			
	Warranty	2 Years / 3 Years (Optional)			
Certifications	EMC	CE-EMC (EN 55032, EN 55035), FCC (PART 15B)			
	Safety	CE-LVD (EN IEC 62368-1)			
	Environment	CE-ROHS (Directive (EU) 2015/863 amending 2011/65/EU)			
	Protection	IP66, IK10(Optional)			

AI 25X/30X/36X/42X Speed Dome Network Camera



Structure Diagrams



A41 Wall Mount(Default)

Weight: 400g

Dimensions: 200*129*100mm



A02 V2 Pole Mount

Weight: 1kg

Dimensions: 180*136*46mm



A03 External Corner Bracket

Weight: 900g

Dimensions: 170*152.5*76mm



A42 Pendant Mount

Weight: 650g

Dimensions: 116.5*255mm



A42-L Extension Lever

Weight: 330g

Dimension: $\Phi 55 \times 255$ mm



A43 Junction Box

Weight: 1kg

Dimensions: 195*164*80mm



Milesight | www.milesight.com

Contact Us: sales@milesight.com support@milesight.com

Add: Building C09, Software Park, Phase III, Xiamen 361024, Fujian, China
Tel: +86-592-5922772

