Milesight

AI 180° Panoramic Mini Dome Network Camera

NDAA

IP67

IK10

AI | H.265+ HEVC | Starlight | Super WDR | 3D Noise Reduction | Privacy Masking | SD XC | GMST ONVIF | PoE | Motion Detection

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.)
- 120dB Super WDR (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 120dB.)
- Advanced Functions (Boasting to support various advanced functions such as HLC, ROI.)
- 1TB (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 1TB.)
- Integrated Junction Box (Ensuring the hassle-free installation and reliable operation with neat cable management.)
- Built-in Microphone (Using advanced codecs to provide clearer voice and robust performance.)
- Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, e.g. 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.
- Object Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports, optionally human and vehicle.

4K Video Viewing Experience

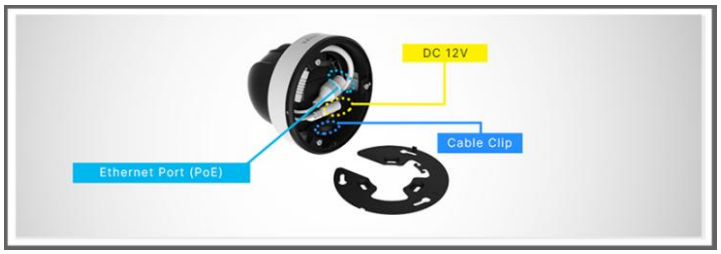
The camera performs well in catching detailed image with 4K HD resolution regardless of the moving speed.

180° Panoramic View

The camera is perfect for whole picture viewing experience. It catches 180° horizontal coverage and 95°vertical coverage, achieving 180° panoramic viewing with only single sensor, which is a revolutionary creation in the dome model.

Integrated Junction Box

Coming with the integrated junction box, The Network Camera not only brings a simplified installation with better aesthetics and professional look of the video surveillance system, but also provides higher operation stability.



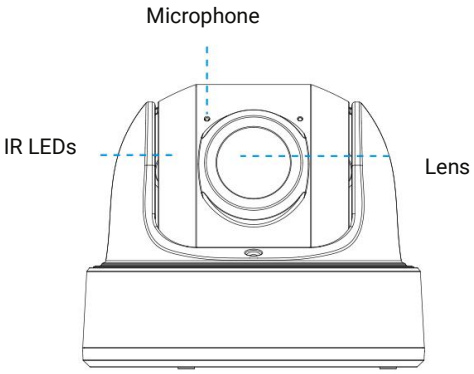
AI 180° Panoramic Mini Dome Network Camera

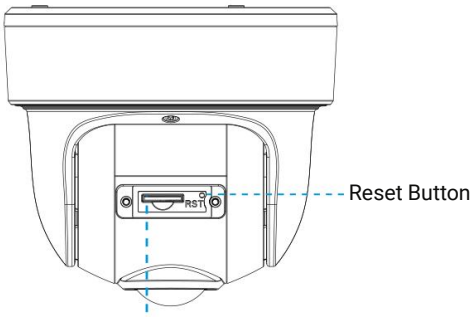
	Model	MS-C5376-PE (5MP)	MS-C8176-PE (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.008Lux@F2.0, B/W: 0Lux with IR on	Color: 0.012Lux@F2.0, B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Lens	1.68mm@F2.0	
	Mount	M12	
	Field of View	H180°/V95°	H180°/V86°
	Shutter Time	1/100000s~1s	
	DORI Distance	D: 37.5m O: 15m R: 7.5m I: 3.5m	D: 56.5m O: 22m R: 11m I: 5.5m
	IR Distance	Up to 15m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Video	Max. Image Resolution	2592x1944 (Original)	3840x2160
	Primary Stream	60Hz: 30fps@(2560x1440, 1920x1080,1280x720) 50Hz: 25fps@(2560x1440, 1920x1080,1280x720)	60Hz/50Hz: 25fps@(3840x2160,3440x1936，3200x1800, 2880x1624, 2560x1440, 1920x1080, 1280x720)
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)	60Hz/50Hz:25fps@(704x576, 640x480, 640x360）
	Tertiary Stream	60Hz: 30fps@(2048x1536, 1920x1080, 1600x1200, 1280x720, 704x576, 640x480, 640x360,352x288, 320x240) 50Hz: 25fps@(2048x1536, 1920x1080, 1600x1200, 1280x720, 704x576, 640x480, 640x360,352x288, 320x240)	60Hz/50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360)
	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	
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio Interface	Built-in Microphone	
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, LLDP, SIP, VPN, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL,TLS 1.2	

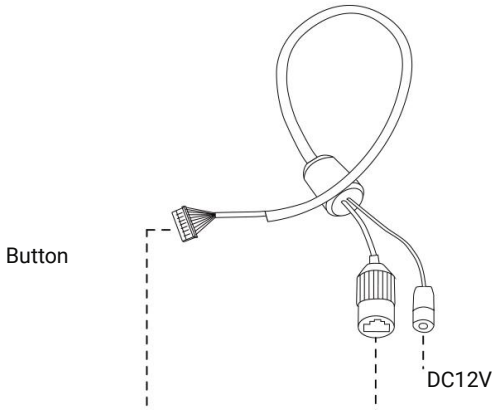
AI 180° Panoramic Mini Dome Network Camera

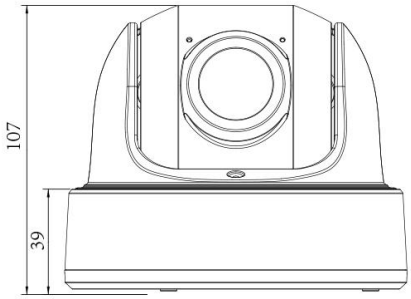
Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
Intelligent Analytics	Video Analysis	VCA 2.0: Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Line Crossing, Loitering, Object Left, Object Removed
	Attribute 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).
	Object Counting & Report	Count the number of people crossing the line, Support regional people counting for up to 4 detection areas
	Heat Map	The built-in statistical behavior analysis enables you to identify the busiest areas within the environment
Event	Basic Event	Motion Detection, Tamper Detection, Audio Alarm, etc.
	Exception	Network Disconnection, IP Address Conflict, Record Failed, SD Card Full, SD Card Uninitialized, SD Card Error, No SD Card
	Event Action	FTP Upload Record, SMTP Upload Record, SD Card Record, Snapshot, SIP Phone, HTTP Notification, etc.
System	Watermark	Support
	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 Temperature	-40℃~60℃
	Working Humidity	0~95%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	Min.: 3.8W (DC 12V), 4W(PoE) Max.: 7.3W (DC 12V), 8.8W(PoE) | Min.: 4W (DC 12V), 5W(PoE) Max.: 7.6W (DC 12V), 9W(PoE)
	Weight	Approx. 853g
	Dimensions	Φ127mmX107mm
	Warranty	3 Years / 5 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	IP67, IK10

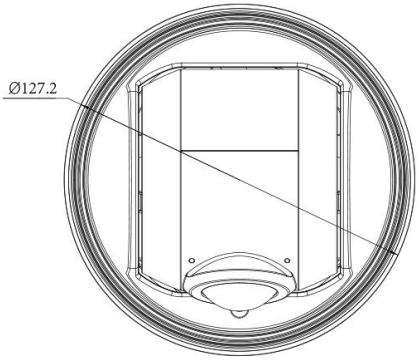
AI 180° Panoramic Mini Dome Network Camera

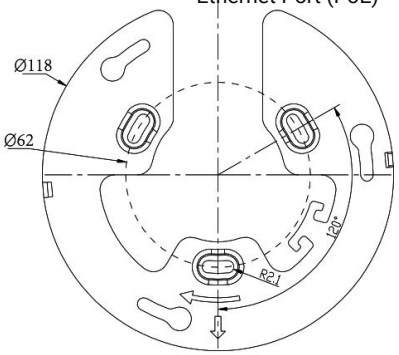




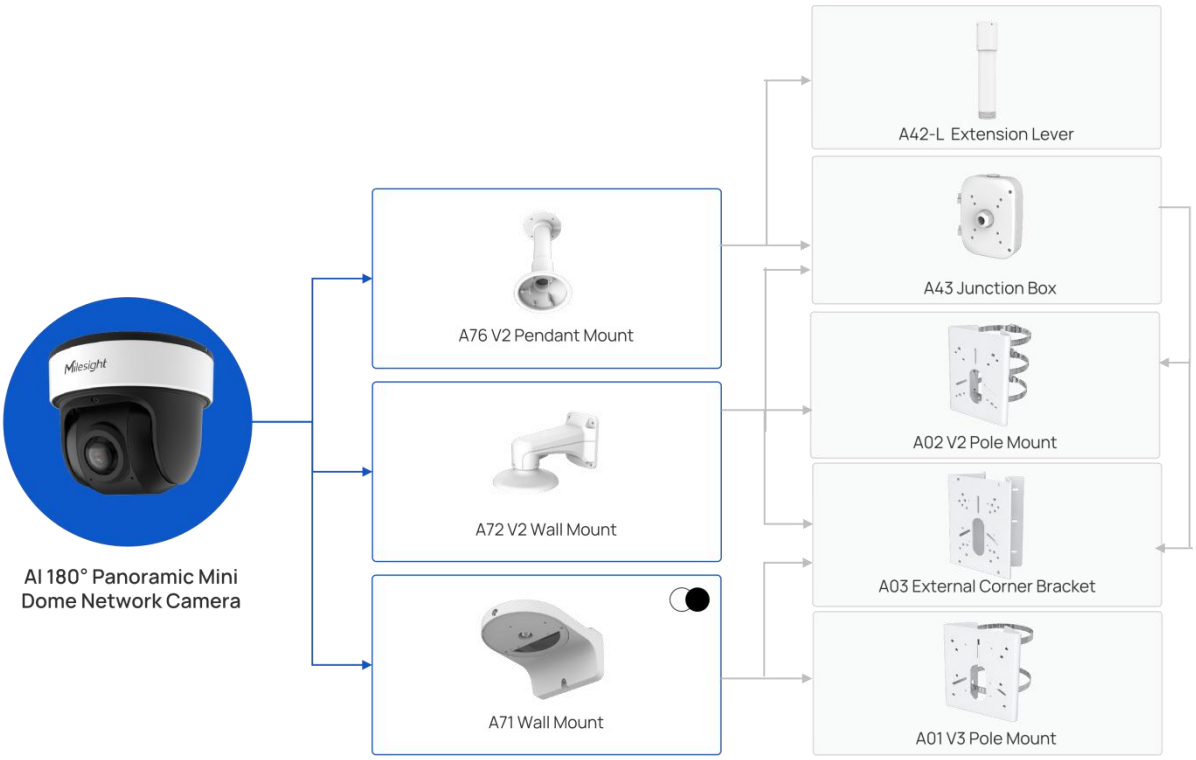








Units: mm



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