

**SPECIFICATION**



**CM42015**

**MAG IR SPEED DOME  
2MP MOTORIZED POE IP  
CAMERA FOR OUTDOOR**



# CM45100 MAG IR SPEED DOME 2MP MOTORIZED POE IP CAMERA FOR OUTDOOR

## Description

CM42005 is a 2MP IR Speed Dome IP camera with POE. Advanced CMOS IR Cut filtering with auto switch (ICR) allows clearer and sharp image during day/night view. Smart IR function with IR distance up to 150m. Built-in 25x optical zoom. Powered by AI smart functionality. Suitable for outdoor.

- ✓ High quality image with 2MP, 1/2.8" CMOS sensor
- ✓ 1920\*1080@30fps in the main stream.
- ✓ Ultra 265, H.265, H.264, MJPEG
- ✓ 25X optical zoom allows for closer viewing of subjects
- ✓ Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- ✓ LightHunter technology ensures ultra-high image quality in low illumination environment
- ✓ Up to 120 dB Optical WDR (Wide Dynamic Range)
- ✓ DC12V or PoE+(IEEE 802.3at) power supply
- ✓ Audio 1 in and 1 out, Alarm 2 in and 1 out
- ✓ Micro SD, up to 256GB
- ✓ Smart IR, up to 150m (492 ft) IR distance
- ✓ IP66 ingress protection
- ✓ 3-Axis

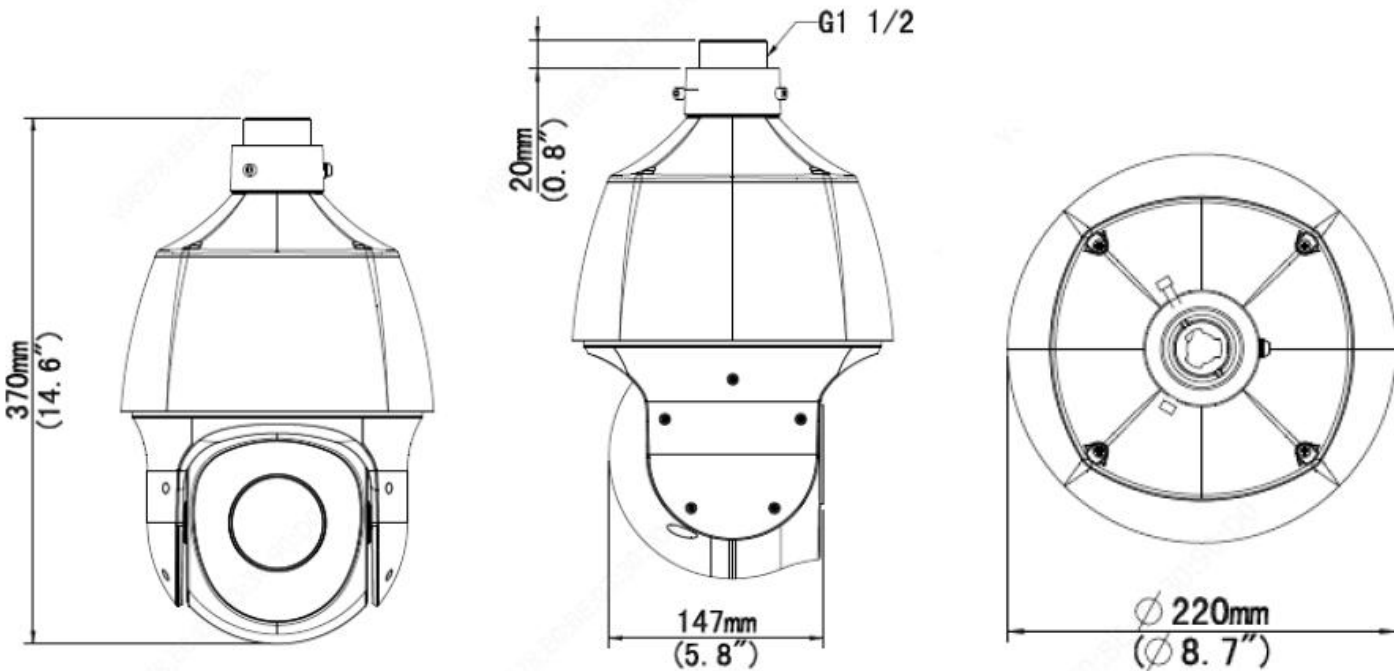
## Technical Parameters

Camera					
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				
Lens	5~ 125mm, AF automatic focusing and motorized zoom lens				
Optical Zoom	25				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5	85.3(280.0ft)	34.1(112.0ft)	17.1(56.0ft)	8.5(28.0ft)
	125	1706.9 (5600.1ft)	682.8 (2240.0ft)	341.4 (1120.0ft)	170.7 (560.0ft)
Iris	Autol; F1.5 ~ F3.0				
Angle of View (H)	54.37° ~ 2.68°				
Angle of View (V)	32.23° ~ 1.51°				
Angle of View (O)	66.88° ~ 3.16°				
Adjustment angle	Pan: 360° Endless		Tilt: -15° ~ 90° (auto reverse)		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.001 Lux (F1.5, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>56dB				
IR Range	Up to 150m (492 ft) IR range				



wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	120dB
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 2MP(1920*1080),Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; Third Stream: D1 (720*576), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
OSD	Up to 8 OSDs
Privacy Mask	24 areas, up to 4 areas per scene
ROI	Up to 8 areas
Smart intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
<b>Audio</b>	
Audio Compression	G.711U,G.711A
Suppression	Supported
Sampling Rate	8KHZ
Two-Way Audio	Support
<b>Storage</b>	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS (NFS)
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
<b>Interface</b>	
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Built-in Mic	N/A
Built-in Speaker	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
<b>General</b>	
Power	DC12V±10% , PoE+ (IEEE802.3 at)
	Power consumption: Max 25W
Dimensions (Ø x H)	Ø220 x 370mm (Ø8.7" x 14.6")
Net Weight	3.3kg(7.26lb)
Surge Protection	6KV
Working Environment	-40°C~65°C(-40°F ~ 149°F) , Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP66

## Dimension



**\*Product performances is based on testing in a controlled environment. Your result may vary due to several external and environment factors.**



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