30 December 2022, v1

CM42020 Dome 2MP Entry Level IP camera

WWW.MAG.COM.MY



Features

- ✓ High quality image with 2MP, 1/2.8"CMOS sensor
- ✓ 2MP (1920*1080)@ 30/25fps; 720P (1280*720)@ 30/25fps
- ✓ Ultra 265, H.265, H.264
- ✓ DWDR technology enables clear image in strong light scene
- ✓ Smart IR, up to 30m (98ft) IR distance
- ✓ Day/night functionality
- ✓ 2D/3D DNR (Digital Noise Reduction)
- ✓ IP67 protection
- ✓ Support PoE power supply
- √ 3-Axis

Technical Parameter

Camera							
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS						
Lens	2.8mm@F2.0						
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)		Identify (m)	
	2.8	43.4	17.4	8.7		4.3	
Angle of View (H)	106.7° ,						
Angle of View (V)	57.1°						
Angle of View (O)	115.7°						
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 80° Rotate: 0° ~ 360°					~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s						
Minimum Illumination	Colour: 0.01Lux (F2.0, AGC ON) 0Lux with IR on						
Day/Night	IR-cut filter with auto switch (ICR)						
Digital noise reduction	2D/3D DNR						
S/N	>52dB						
IR Range	Up to 30m (98ft) IR range						

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IR On/Off Control Defog Digital Defog Digital Defog DWDR	Wavelength	850nm			
Defog Digital Defog DWDR					
WDR DWDR Video Video Compression Ultra 265, H.265, H.264 H.264 code profile Baseline profile, Main Profile, High Profile Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; Video Bit Rate Video Bit Rate 128 Kbps*16 Mbps OSD Up to 4 OSDs Privacy Mask Up to 4 areas Motion Detection Up to 8 areas Motion Detection Up to 4 areas Image White Balance White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 Digital noise reduction 2D/3D DNR Smart IR Supported Filip Normal/Vertical/Horizontal/180° HLC Supported BLC Supported Network IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, Compatible Integration ONVIF, API Interface Network 1 RJ45 10M/100M Base-TX Ethernet General DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 5.0W					
Video Video Compression Ultra 265, H.265, H.264 H.264 code profile Baseline profile, Main Profile, High Profile Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF (352*288), Max 30fps; 640*360,Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; G40*360,Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; G40*360,Max 30fps; 2CIF (704*288), Max 30fps; G40*360,Max 30fps; 2CIF (704*288), Max 30fps; G40*360,Max 30fps; 2CIF (704*288), Max 30fps; G40*360,Max 30f		•			
H.264 code profile	Video	, brisit			
H.264 code profile	Video Compression	Ultra 265, H.265, H.264			
Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(704*288), Max 30fps; CIF(704*28*E* 110*E, Humidity CIFE(Fixed Circal Advance CI	•				
OSD Up to 4 OSDs Privacy Mask Up to 4 areas ROI Up to 8 areas Motion Detection Up to 4 areas Image Image White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 Digital noise reduction 2D/3D DNR Smart IR Supported Flip Normal/Vertical/Horizontal/180° HLC Supported BLC Supported Network IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, Compatible Integration ONVIF, API Interface Network 1 RJ45 10M/100M Base-TX Ethernet General DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 5.0W Dimensions (Ø × H) Ø118 × 95mm (Ø4.6" × 3.8") Net Weight 0.29kg (0.64lb) Metal + Plastic Working 30°C ~ 60°C (-22°E ~ 140°E). Humidity: <05% RH (non-condensing)	Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max			
Privacy Mask Up to 4 areas ROI Up to 8 areas Motion Detection Up to 4 areas Image White Balance Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2 Digital noise reduction 2D/3D DNR Smart IR Supported Flip Normal/Vertical/Horizontal/180° HLC Supported BLC Supported Network Protocols IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, Compatible Integration ONVIF, API Interface Network 1 RJ45 10M/100M Base-TX Ethernet General DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 5.0W Dimensions (Ø × H) Ø118 × 95mm (Ø4.6" × 3.8") Net Weight 0.29kg (0.64lb) Material Metal + Plastic Working 30°C ~ 60°C (-22°E ~ 140°E) Humidity: <95% RH (non-condensing)	Video Bit Rate	128 Kbps~16 Mbps			
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Image	ROI	'			
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Flip Normal/Vertical/Horizontal/180° HLC Supported BLC Supported Network Protocols IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, Compatible Integration Interface Network 1 RJ45 10M/100M Base-TX Ethernet General Power DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 5.0W Dimensions (Ø × H) Ø118 × 95mm (Ø4.6" × 3.8") Net Weight 0.29kg (0.64lb) Material Metal + Plastic Working 30°C ~ 60°C (22°E ~ 140°E) Humidity: <95% RH (non-condensing)	Digital noise reduction				
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Material Metal + Plastic Working -30°C ~ 60°C (-22°E ~ 140°E) Humidity: <95% RH (non-condensing)	Dimensions (Ø × H)				
Working $-30^{\circ}\text{C} \approx 60^{\circ}\text{C} (-22^{\circ}\text{E} \approx 140^{\circ}\text{E})$ Humidity: <95% RH (non-condensing)	Net Weight	0.29kg (0.64lb)			
	Material	<u> </u>			
Environment 50 5 50 5 (22 1 145 1), Flamilarly: 355 % 111 (Hori-condensing)	Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)			
Ingress Protection IP67	Ingress Protection				

^{*}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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