

DS-2DE2C400MWG/W 4 MP Smart Hybrid Light Mini PT Network Camera



Hikvision DS-2DE2C400MWG/W 4 MP PT Network Camera is ideal for indoor HD monitoring in small businesses and offices and for close range monitoring in warehouses, lobbies, server rooms, garages, etc.

- High quality imaging with 4 MP resolution
- Support Wi-Fi 6
- Smart Hybrid Light: advanced technology with long range
- Built-in microphone and speaker, support two-way audio
- Support Human Detection and Auto-tracking Lite
- Water and dust resistant (IP66)



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Specification

Image sensor1/2.7 Progressive Scan CMOSMax. Resolution2560 × 1440Max. ResolutionColor: 0.05 Lw @ (FL, 6, 6G CN), B/W: 0.011.w @ (FL 6, AGC ON), 0 Lux with IRIminitationColor: 0.05 Lw @ (FL 6, 6G CN), B/W: 0.011.w @ (FL 6, AGC ON), 0 Lux with IRFor2.8 mm, horizontal FOV 94', vertical FOV 49', diagonal FOV 114' 4 mm, horizontal FOV 70', vertical FOV 35', diagonal FOV 114' 4 mm, horizontal FOV 70', vertical FOV 35', diagonal FOV 114' 4 mm, horizontal FOV 70', vertical FOV 35', diagonal FOV 85'Apeture8.8 mm, horizontal FOV 70', vertical FOV 35', diagonal FOV 85'Supplement Light TypeIR, White LightSupplement Light Type8.0 mlSupplement Light TypeId diatace: up to 25 m, White light distance: up to 25 mNuewengtha0 to 25', SMovement Range (FR)0 to 25', SMovement Range (TRI)0 to 25', SNueweroff Memory10 to 25', SYote10 to 25', SYote, Compression10 to 25', SYote, Compression10 to 25', SYote, Compression12 Set, Yote, S (X Set, N Set, Yote, S Set, Yote, S (X Set, N Set, Yote, S Set, Yote, S (X Set, N Set, Yote, S Set, Yote, S (X Set, N Set, Yote, S Set, Yote, S (X Set, N Set, S	Camera	
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Lens Construction Focal Length 2.8 mm, horizontal FOV 94", vertical FOV 49", diagonal FOV 114" 4 mm, horizontal FOV 70", vertical FOV 35", diagonal FOV 85" Aperture F1.6 Huminator Supplement Light Type Supplement Light Range IR distance: up to 25 m, White light distance: up to 25 m R Wavelength 850 nm PT Movement Range (Fnil) O'to 345" O'to 30" Pan Speed Up to 25'/s Tilt Speed Up to 25'/s Video 50 Hri: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Gohr: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hri: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hri: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 60 Hri: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 60 Hri: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 60 Hri: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 60 Hri: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream 60 Hri: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-Stream Sub 720 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Sub-St	Max. Resolution	2560 × 1440
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Aperture F1.6 Aperture F1.6 Buminator Supplement Light Type IR, White Light Supplement Light Type IR, White Light Supplement Light Range By Wavelength IR distance: up to 25 m, White light distance: up to 25 m IR Wavelength IR distance: up to 25 m, White light distance: up to 25 m Movement Range (Pan) I'to 435° Movement Range (Pan) I'to 435° Movement Range (Pan) I'to 20'S Power-off Memory Ve to 20'S Power-off Memory I'to 20'S Power-off Memory So Hit: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Girt 2: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Gold +12: 20 fps (768 × 432) Guitz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Gold +12: 20 fps (768 × 432) Sub-Stream I'to 45'S Sub-Stream I'to 45'S (AMPEG Video Compression I.esclen Profile/Main Profile/High Profile I.escle Type Baseline Profile/Main Profile/High Profile I.escle Type Sity 11 Jiaw: 64 Kbps Audio Compression G.7111aw: Ad-LCC Audio Bampling Rate	FOV	2.8 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 114°
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Supplement Light TypeIR, White LightSupplement Light RangeIR distance: up to 25 m, White light distance: up to 25 mIR Wavelength850 nmPTMovement Range (Pan)0* to 345°Movement Range (Till)0* to 80°Pan SpeedUp to 25'/sTilt SpeedUp to 20'/sPower-off MemoryYesVieroMain Stream60 Hi: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hi: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hi: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)Sub-Stream50 Hi: 20 fps (768 × 432) 60 Hi: 20 fps (768 × 432) 60 Hi: 20 fps (768 × 432)Video CompressionH. 265, H. 264, MJPE GVideo StrapeBaseline Profile/Main Profile/High ProfileL265 TypeBaseline Profile/Main Profile/High ProfileAudio CompressionG. 711ulaw: Act Kbps 6. 711ulaw: 46 kbpsAudio StrapeSi Hiz/2 165 × 32 kbps, 64 kkps 6. 711ulaw: 46 kbpsAudio StrapeSi Hiz/2 16 kkt2Environment Noise FilteringYesProtocolsBkHz/16 kkt2ProtocolsProV/IPVC, HTTP, QoS, SMTP, NTP, RTSP, RTP, RTCP, TCP/IP, UDP, DMCP, BonJour, SMMP, NS, DNSAPIOUNE (Profile S, Profile T, ISAPI, SDKWierert UWWierert UWWierert UWWierert UWProtocolsIEEE802.111s, IEEE802.11n, IEEE802.11axFrequency RangeE4 Act Lo 2.4835 GHz	Aperture	F1.6
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Sub-Stream60 Hz: 20 fps (768 x 432)Video CompressionH.265, H.264, MJPEGVideo Bit Rate32 Kbps to 8 MbpsH.264 TypeBaseline Profile/Main Profile/High ProfileH.265 TypeMain Profile/Main Profile/High ProfileAudioMin ProfileAudio CompressionG.711ulaw/AAC-LCAudio Bit RateAAC-LC: 16 Kbps, 32 Kbps, 64 Kbps G.711ulaw: 64 KbpsAudio Sampling Rate8 kHz/16 KHzAudio Sampling Rate8 kHz/16 KHzProtocolsVeProtocolsIP4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, RTCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKVireless (Wi-Fi)IEE802.11g, IEEE802.11g, IEEE802.11a, IEEE802.11axFrequency Range2, 4 GHz to 2.4835 GHz		60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
60 Hz: 20 fps (768 x 432)Video CompressionH.265, H.264, MJPEGVideo Bit Rate32 Kbps to 8 MbpsH.264 TypeBaseline Profile/Main Profile/High ProfileH.265 TypeMain Profile/Main Profile/High ProfileH.265 TypeMain Profile/Main Profile/High ProfileAudioSaseline Profile/Main Profile/High ProfileAudio CompressionG.711ulaw/AAC-LCAudio Bit RateAAC-LC: 16 Kbps, 32 Kbps, 64 Kbps G.711ulaw: 64 KbpsAudio Sampling Rate8 kHz/16 kHzEnvironment Noise FilteringYesProtocolsIPv4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, PTCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKWirestwirestIEE802.11b, IEEE802.11a, IEEE802.11axYi-Fi ProtocolsIEE802.11b, IEEE802.11g, IEEE802.11axFrequency Range2.4 GHz to 2.4835 GHz	Sub-Stream	50 Hz: 20 fps (768 x 432)
Video Bit Rate32 Kbps to 8 MbpsH.264 TypeBaseline Profile/Main Profile/High ProfileH.265 TypeMain ProfileAudioMain ProfileAudio CompressionG.711ulaw/AAC-LCAudio Bit RateAAC-LC: 16 Kbps, 32 Kbps, 64 Kbps G.711ulaw: 64 KbpsAudio Sampling Rate8 kHz/16 kHzFuvironment Noise FilteringYesProtocolsIPv4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTCP, TCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAplONJF (Profile S, Profile G, Profile T), ISAPI, SDKWireless (Wi-Fi)EEE802.111g, IEEE802.11n, IEEE802.11axFrequency Range2.4 GHz to 2.4835 GHz		60 Hz: 20 fps (768 x 432)
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H.265 TypeMain ProfileAudioAudio CompressionG.711ulaw/AAC-LCAudio CompressionG.711ulaw/AAC-LCAudio Bit RateAAC-LC: 16 Kbps, 32 Kbps, 64 Kbps G.711ulaw: 64 KbpsAudio Sampling Rate8 kHz/16 kHzFavironment Noise FilteringYesProtocolsIPv4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, TCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKWireless (Wi-Fi)IEEE802.11g, IEEE802.11g, IEEE802.11axFrequency Range2.4 GHz to 2.4835 GHz	Video Bit Rate	32 Kbps to 8 Mbps
AudioAudio CompressionG.711ulaw/AAC-LCAudio CompressionG.711ulaw:AAC-LC: 16 Kbps, 32 Kbps, 64 Kbps G.711ulaw: 64 KbpsAudio Bit RateAAC-LC: 16 Kbps, 32 Kbps, 64 Kbps G.711ulaw: 64 KbpsAudio Sampling Rate8 kHz/16 kHzEnvironment Noise FilteringYesNetworkIPv4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, RTCP, TCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKWireless (Wi-Fi)IEEE802.11b, IEEE802.11g, IEEE802.11axWi-Fi ProtocolsIEEE802.11b, IEEE802.11g, IEEE802.11ax	Н.264 Туре	Baseline Profile/Main Profile/High Profile
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Audio Bit RateG.711ulaw: 64 KbpsAudio Sampling Rate8 kHz/16 kHzEnvironment Noise FilteringYesNetworkIPv4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, RTCP, TCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKWireless (Wi-Fi)IEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11axYerequency Range2.4 GHz to 2.4835 GHz	Audio Compression	G.711ulaw/AAC-LC
G.711ulaw: 64 KbpsAudio Sampling Rate8 kHz/16 kHzEnvironment Noise FilteringYesNetworkIPv4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, RTCP, TCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKWireless (Wi-Fi)IEEE802.11g, IEEE802.11g, IEEE802.11axWi-Fi Protocols1EEE802.11b, IEEE802.11g, IEEE802.11axFrequency Range2.4 GHz to 2.4835 GHz	Audio Bit Rate	AAC-LC: 16 Kbps, 32 Kbps, 64 Kbps
Environment Noise FilteringYesNetworkIPv4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, RTCP, TCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKWireless (Wi-Fi)EEE802.11b, IEEE802.11g, IEEE802.11axWi-Fi ProtocolsIEEE802.11b, IEEE802.11g, IEEE802.11axFrequency Range2.4 GHz to 2.4835 GHz		G.711ulaw: 64 Kbps
NetworkProtocolsIPv4/IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, RTCP, TCP/IP, UDP, DHCP, Bonjour, SNMP, DNS, DDNSAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKWireless (Wi-Fi)EEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11axWi-Fi ProtocolsIEEE802.11b, IEEE802.11g, IEEE802.11axFrequency Range2.4 GHz to 2.4835 GHz	Audio Sampling Rate	8 kHz/16 kHz
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Wireless (Wi-Fi)Wi-Fi ProtocolsIEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11axFrequency Range2.4 GHz to 2.4835 GHz		DNS, DDNS
Wi-Fi ProtocolsIEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11axFrequency Range2.4 GHz to 2.4835 GHz		ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Frequency Range 2.4 GHz to 2.4835 GHz	Wireless (Wi-Fi)	
	Wi-Fi Protocols	IEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11ax
Channel Bandwidth 20/40 MHz	· · · ·	
	Channel Bandwidth	20/40 MHz



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Network	
User/Host	Up to 32 users
	3 user levels: administrator, operator, and user
Security	Password protection, complicated password, watermark, basic and digest authentication
	for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit
	log, host authentication (MAC address)
Image	
Image Settings	Saturation, brightness, contrast, and sharpness adjustable by client software or web
	browser
Wide Dynamic Range (WDR)	Digital WDR
Image Enhancement	BLC, HLC, 3D DNR
Image	
Privacy Mask	4 programmable rectangle privacy masks
Interface	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Built-in Microphone	1 built-in microphone
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Speaker	1 built-in speaker
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),
	video tampering alarm, exception
Linkage	Notify surveillance center, send email, trigger recording, trigger capture, audible warning
General	
Power	12 VDC \pm 25%, reverse polarity protection, 0.75 A, max. 9 W, Ø5.5 mm coaxial power plug,
	*A switching adapter is included in the package.
Dimension	Dimension: Ø131.9 mm × 163.9 mm × 312.6 mm (Ø5.19" × 6.45" × 12.31")
	With Package Dimension: 224 mm × 164 mm × 230 mm (8.81" × 7.00" × 9.06")
Weight	Weight: 600 g (1.32 lb.)
	With Package Weight: 900 g (2.0 lb.)
Material	Plastic
Operating Condition	-30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing)
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Approval	
Protection	IP66 (IEC 60529-2013)
General	
Language	English, Ukrainian

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

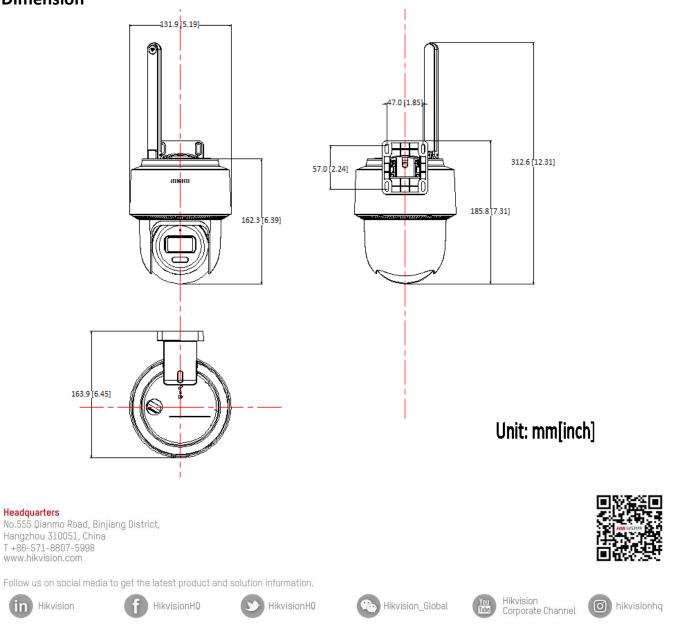


Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional
	anti-corrosion protection is a must. Typical application scenarios include coastlines, docks,
	chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion
	demands. Typical application scenarios include coastal areas about 2 kilometers (1.24
	miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific
	anti-corrosion protection is needed.

Available Model

DS-2DE2C400MWG/W(2.8mm) DS-2DE2C400MWG/W(4mm)

Dimension



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