

DS-2DE2C200MWG-4G 2 MP Smart Hybrid Light Mini PT Network Camera





Hikvision DS-2DE2C200MWG-4G 2 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.

- Support 4G LTE data transmission
- High quality imaging with 2 MP resolution
- Support Human and Vehicle Detection
- Built-in microphone and speaker, support two-way audio
- Smart Hybrid Light: advanced technology up to 30 meters
- Support on-board storage up to 512 GB (SD card slot)
- Water and dust resistant (IP66)



SpecificationCamera

Image Sensor 1/3* Progressive Scan CMOS Max. Resolution 1920 × 1080 Shutter Time 1/3 s to 1/100,000 s Min. Illumination Color: 0.04 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR Day & Night Ik cut filter Eens Type Eens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 78*, vertical FOV 55*, diagonal FOV 118* dmm, horizontal FOV 78*, vertical FOV 42*, diagonal FOV 92* Lens Mount M12 List Stype Fixed Aperture F2.0 Poral Fixed Poral Aperture F2.0 Poral Fixed Poral Aperture F2.0 Poral Poral Movement Range (Pan) 0" to 80* Movement Range (Rit) 0" to 80* Pan Speed Up to 20'/s DORI 2.8 mm, D: 45 m, 0: 18 m, R: 9 m, I: 4 m Liminator Liminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes <th>Camera</th> <th></th>	Camera	
Shutter Time 1/3 s to 1/100,000 s Min. Illumination Color: 0.04 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR Day & Night IR cut filter Lens Type Enst Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 78", vertical FOV 45", diagonal FOV 118" dmm, horizontal FOV 78", vertical FOV 42", diagonal FOV 92" Lens Mount M12 List Type Fixed Aperture F2.0 PTZ Movement Range (Pan) 0" to 345" Movement Range (Pan) 0" to 80" Movement Range (Tilt) 0" to 80" Pan Speed Up to 20's DORI Jup to 20's DORI Jup to 20's DORI Jup to 30", 28 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30" for 12 m, R: 10 m, I: 5 m Network <td>Image Sensor</td> <td>1/3" Progressive Scan CMOS</td>	Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination Color: 0.04 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR Day & Night IR cut filter Lens Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV Exed focal lens, 2.8 and 4 mm optional Focal Length & FOV Amn, horizontal FOV 78*, vertical FOV 56*, diagonal FOV 92* Lens Mount M12 Its Type Fixed Aperture F2.0 PTZ Fixed Movement Range (Pan) 0" to 345" Movement Range (Pan) 0" to 80" Pan Speed Up to 25'/s Tilt Speed Up to 20"s DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes RWavelength 850 nm Network Video Video Main Stream 50 Hz: 25 fps (768 x 432) 60 Hz:	Max. Resolution	1920 × 1080
Day & Night IR cut filter Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 101*, vertical FOV 56*, diagonal FOV 118* 4 mm, horizontal FOV 78*, vertical FOV 42*, diagonal FOV 92* Lens Mount M12 Iris Type Fixed Aperture F2.0 PT POPE Movement Range (Pan) 0° to 345* Movement Range (Tilt) 0° to 80° Pan Speed Up to 25's Tilt Speed Up to 20's DORI Jam, D. 45 m, O. 18 m, R. 9 m, I: 4 m 4 mm, D. 56 m, O. 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Network April On Stream So Drive (Profile S, Profile G, Profile T), ISAPI, SDK Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 4 Div. 20 fps (788 x 432) OHz: 20 fps (788 x 432)	Shutter Time	1/3 s to 1/100,000 s
Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 101", vertical FOV 56", diagonal FOV 118" 4 mm, horizontal FOV 78", vertical FOV 42", diagonal FOV 92" Lens Mount M12 Iris Type Fixed Aperture F2.0 PTZ ************************************	Min. Illumination	Color: 0.04 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 101*, vertical FOV 56*, diagonal FOV 118* 4 mm, horizontal FOV 78*, vertical FOV 42*, diagonal FOV 92* Lens Mount M12 Iris Type Fixed Aperture F2.0 PTZ ***********************************	Day & Night	IR cut filter
Focal Length & FOV 2.8 mm, horizontal FOV 101°, vertical FOV 56°, diagonal FOV 118° 4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 92° Lens Mount M12 Iris Type Fixed Aperture Fixed Aperture Fixed Aperture Fixed Movement Range (Pan) 0° to 345° Movement Range (Tilt) 0° to 80° Pan Speed Up to 25°/s Tilt Speed Up to 20°/s DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength Yes Network Yes API ONVIF (Profile S, Profile G, Profile TJ, ISAPI, SDK Video Yoldeo Video Compression 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (768 x 432) Video Compression Main stream: H.265/H.264,	Lens	
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A mm, horizontal FOV 78", vertical FOV 42", diagonal FOV 92"	Focal Longth 9 FOV	2.8 mm, horizontal FOV 101°, vertical FOV 56°, diagonal FOV 118°
Iris Type Fixed Aperture F2.0 PTZ Vical Standard (Pan) 0° to 345° Movement Range (Pan) 0° to 80° Pan Speed Up to 25°/s Tilt Speed Up to 20°/s DORI Illuminator Supplement Light Type IR, White Light Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Network Video Video ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Video Wideo Compression 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (768 x 432) Oideo Compression Main stream: H.265/H.264, Video Compression Main stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps L264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main profile Bit Rate	Focal Length & FOV	4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 92°
Aperture F2.0 PTZ Movement Range (Pan) 0° to 345° Movement Range (Tilt) 0° to 80° Pan Speed Up to 25°/s Tilt Speed Up to 20°/s DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Network Network Video Will Frofile S, Profile G, Profile T), ISAPI, SDK Video Sub-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 8ub-Stream 50 Hz: 25 fps (768 x 432) 60 Hz: 30 fps (768 x 432) 60 Hz: 30 fps (768 x 432) 60 Hz: 30 fps (768 x 432) 60 Hz: 30 fps (768 x 432) Video Bit Rate 32 Kbps to 8 Mbps H.265 Type Main Profile <td>Lens Mount</td> <td>M12</td>	Lens Mount	M12
PTZ Movement Range (Pan) 0° to 345° Movement Range (Tilt) 0° to 80° Pan Speed Up to 25°/s Tilt Speed Up to 20°/s DORI Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes RM Wavelength 850 nm Network Video Video ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Video OHz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Video Compression Main stream: H.265/H.264, Sub-stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control 2 fixed region for main stream Audio Tupe 1 fixed region for main stream Audio Type Mono sound	Iris Type	Fixed
Movement Range (Pan) 0° to 80° Movement Range (Tilt) 0° to 80° Pan Speed Up to 25°/s Tilt Speed Up to 20°/s DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 m Network Video ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Video ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Video ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Video ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Video ONVIF (Profile S, Profile S, Profile T), ISAPI, SDK Video ONVIF (Profile S, Profile S, Profile T), ISAPI, SDK Video ONVIF (Profile S, Profile T), ISAPI,	Aperture	F2.0
Movement Range (Tilt) 0° to 80° Pan Speed Up to 25°/s Tilt Speed Up to 20°/s DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Network API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Video Main Stream 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (768 x 432) Video Compression Main stream: H.265/H.264, Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Type Audio Type Mono sound	PTZ	
Pan Speed Up to 25°/s Tilt Speed Up to 20°/s DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Network API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Video Video Sub-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Video Compression Main stream: H.265/H.264, Sub-stream: H.265/H.264, Sub-stream: H.265/H.264/ Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Type Mono sound Audio Type Mono sound Audio Type Mono sound	Movement Range (Pan)	0° to 345°
Tilt Speed Up to 20°/s DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Network Video Video Video Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (768 x 432) Video Compression Main stream: H.265/H.264, Sub-stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Type Mono sound Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz	Movement Range (Tilt)	0° to 80°
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DORI 2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator	Tilt Speed	Up to 20°/s
Name Name	DORI	
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Sub-Stream 60 Hz: 30 fps (768 x 432) Video Compression Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz	Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Video Compression Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz	Cult Character	50 Hz: 25 fps (768 x 432)
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H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz	video Compression	Sub-stream: H.265/H.264/MJPEG
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Bit Rate Control Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz	H.264 Type	Baseline Profile, Main Profile, High Profile
Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz	H.265 Type	Main Profile
Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz	Bit Rate Control	CBR, VBR
Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz	Region of Interest (ROI)	1 fixed region for main stream
Audio Sampling Rate 8 kHz/16 kHz	Audio	
· ·	Audio Type	Mono sound
Environment Noise Filtering Yes	Audio Sampling Rate	8 kHz/16 kHz
	Environment Noise Filtering	Yes



G.711/AAC-LC
64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)
Password protection, complicated password, HTTPS encryption, watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address)
Up to 6 channels
TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, SMTP, SNMP
Up to 32 users 3 user levels: administrator, operator, and user
iVMS-4200, Hik-Connect
Local service: IE11, Chrome 57.0+, Firefox 52.0+, Edge 89+
LTE-TDD, LTE-FDD
EU: LTE-FDD: B1/3/5/7/8/20/28 IN: LTE-FDD: B1/3/5/8 LTE-TDD: B34/38/39/40/41 LA: LTE-FDD: B2/3/4/5/7/8/28/66 NA: LTE-FDD: B2/4/5/12/13/17/66/71
EU: uplink: 5.1 Mbps, downlink: 10.3 Mbps IN: uplink: 5.1 Mbps, downlink: 10.3 Mbps LA: uplink: 5.1 Mbps, downlink: 10.3 Mbps NA: uplink: 50 Mbps, downlink: 150 Mbps
Nano SIM
Digital WDR
≥ 52 dB
4 programmable polygon privacy masks
Day, Night, Auto, Schedule
BLC, HLC, 3D DNR
Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client
Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client
Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser 1 RJ45 10 M/100 M self-adaptive Ethernet port
Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser 1 RJ45 10 M/100 M self-adaptive Ethernet port Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB



Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and
	vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,
	trigger capture, audible warning, auto-tracking lite
General	
Dimension	131.9 mm × 164 mm × 312.6 mm (5.19" × 6.46" × 12.31")
Difficusion	131.9 mm × 164 mm × 332.6 mm (5.19" × 6.46" × 13.10")
General	
	12 VDC ± 25%, 0.75 A, max. 9 W, Ø5.5 mm coaxial power plug, reverse polarity
Power	protection,
	*A switching adapter is included in the package.
Material	Plastic
Package Dimension	224 mm × 178 mm × 230 mm (8.82" × 7.01" × 9.06")
Weight	Approx. 600 g (1.32 lb.)
With Package Weight	Approx. 900 g (1.98 lb.)
Storage Conditions	-30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing)
Startup and Operating	-30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing)
Conditions	-50 C to 40 C (-22 F to 104 F). Humility 95% of less (non-condensing)
Language	English, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Approval	
	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC
EMC	61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,
LIVIC	IC: ICES-003: Issue 7,
	KC: KN32: 2015, KN35: 2015
Safety	CB: IEC 62368-1: 2014+A11,
	CE-LVD: EN 62368-1: 2014/A11: 2017,
	BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU,
	WEEE: 2012/19/EU,
	Reach: Regulation (EC) No 1907/2006
Protection	IP66: IEC 60529-2013

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.

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-2DE2C200MWG-4G(2.8mm)

DS-2DE2C200MWG-4G(4mm)

DS-2DE2C200MWG-4G(2.8mm)/LA

DS-2DE2C200MWG-4G(4mm)/LA

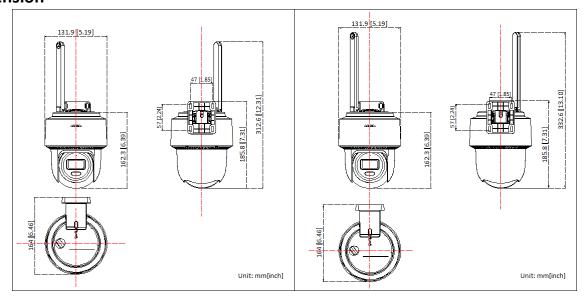
DS-2DE2C200MWG-4G(2.8mm)/IN

DS-2DE2C200MWG-4G(4mm)/IN

DS-2DE2C200MWG-4G(2.8mm)/US

DS-2DE2C200MWG-4G(4mm)/US

Dimension



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