



DS-2DE2C400MWG-4G

**4 MP Fixed Outdoor Smart Hybrid-light 4G PT Network Camera**

- High quality imaging with 4 MP resolution
- Support Human and Vehicle Detection
- Support 4G LTE data transmission
- 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)

[Sales Inquiry](#)**Available models:**

DS-2DE2C400MWG-4G(2.8mm)

DS-2DE2C400MWG-4G(4mm)

DS-2DE2C400MWG-4G(2.8mm)

DS-2DE2C400MWG-4G(4mm)

DS-2DE2C400MWG-4G(2.8mm)

DS-2DE2C400MWG-4G(4mm)

• Camera

- Image Sensor 1/2.7" Progressive Scan CMOS
- Max. Resolution 2560 × 1440
- Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
- Shutter Time 1/3 s to 1/100,000 s
- Day & Night IR cut filter

• Lens

- Lens Type Fixed focal lens, 2.8 and 4 mm optional

- Focal Length & FOV

2.8 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 114°

4 mm, horizontal FOV 70°, vertical FOV 35°, diagonal FOV 85°

- Lens MountM12

- Iris TypeFixed

- ApertureF1.6

- **PTZ**

- Movement Range (Pan)0° to 345°

- Movement Range (Tilt)0° to 80°

- Pan SpeedUp to 25°/s

- Tilt SpeedUp to 20°/s

- **DORI**

- DORI

2.8 mm, D: 68 m, O: 27 m, R: 13 m, I: 6 m

4 mm, D: 100 m, O: 39 m, R: 20 m, I: 10 m

- **Illuminator**

- Supplement Light TypeIR,White Light

- Supplement Light RangeUp to 30 m

- Smart Supplement LightYes

- IR Wavelength850 nm

- **Video**

- Main Stream

50 Hz:

20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)

60 Hz:

20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)

- Sub-Stream

50 Hz: 20 fps (768 × 432)

60 Hz: 20 fps (768 × 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

- Scalable Video Coding (SVC) H.264 and H.265 encoding

- **Audio**

- Audio Type Mono sound

- Audio Sampling Rate 8 kHz/16 kHz

- Environment Noise Filtering Yes

- Audio Compression G.711/AAC-LC

- Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)

- **Network**

- APIONVIF (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
- Security 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)

- Simultaneous Live View Up to 6 channels

- Protocols TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, SMTP, SNMP

- User/Host

Up to 32 users

3 user levels: administrator, operator, and user

- Client iVMS-4200, Hik-Connect
- Web Browser Local service: IE11, Chrome 57.0+, Firefox 52.0+, Edge 89+

- **Mobile Communication**

- Standard LTE-FDD, LTE-TDD

- Frequency

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

- Uplink and Downlink Data Rate

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

- SIM Card Type Nano SIM

- **Image**

- Wide Dynamic Range (WDR) Digital WDR

- SNR ≥ 52 dB

- Day/Night Switch Day, Night, Auto, Schedule

- Image Enhancement BLC, HLC, 3D DNR

- Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser

- Privacy Mask 4 programmable polygon privacy masks

- **Interface**

- Ethernet Interface1 RJ45 10 M/100 M self-adaptive Ethernet port
- On-Board StorageBuilt-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
- Built-in Microphone1 built-in microphone
- Built-in SpeakerMax. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB.
- Reset KeyYes

- **Event**

- Basic EventMotion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception
- LinkageUpload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning, auto-tracking lite

- **General**

- **Power**

12 VDC $\pm$ 25%, 0.75 A, max. 9 W, $\varnothing$ 5.5 mm coaxial power plug,reverse polarity protection,

*A switching adapter is included in the package.

- **Dimension**

131.9 mm $\times$ 164 mm $\times$ 312.6 mm (5.19" $\times$ 6.46" $\times$ 12.31")

131.9 mm $\times$ 164 mm $\times$ 332.6 mm (5.19 $\times$ 6.46" $\times$ 13.10")

- **MaterialPlastic**

- Package Dimension224 mm $\times$ 178 mm $\times$ 230 mm (8.82" $\times$ 7.01" $\times$ 9.06")
- 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 Conditions -30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing)
- Language English, Ukrainian
- General Function Heartbeat, anti-banding, mirror, password protection, password reset via email

- **Approval**

- EMC

CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,

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