

## DS-2DE1C200IW-DE3(F1)(S7) 2 MP IR PT Network Camera



Hikvision DS-2DE1C200IW-DE3(F1)(S7) 2 MP IR 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 2 MP resolution
- Digital WDR, HLC, BLC, 3D DNR
- Hik-Connect cloud service and APP for remote management and views of devices
- Good night-time performance with up to 15 m IR
- Two-way audio with built-in microphone and speaker
- Supports microSD/microSDHC/microSDXC card, up to 256 GB

## ▪ Specification

| Camera                      |                                                                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/2.7" Progressive Scan CMOS                                                                                                                                     |
| Max. Resolution             | 1920 × 1080                                                                                                                                                      |
| Min. Illumination           | Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0.005Lux @ (F2.0, AGC ON), 0 Lux with IR                                                                                  |
| Lens                        |                                                                                                                                                                  |
| Focal Length                | 2.8 to 12 mm                                                                                                                                                     |
| FOV                         | Horizontal FOV 90°, vertical FOV 48°, diagonal FOV 107°                                                                                                          |
| Aperture                    | F2.0                                                                                                                                                             |
| Illuminator                 |                                                                                                                                                                  |
| Supplement Light Type       | IR                                                                                                                                                               |
| Supplement Light Range      | IR Distance: up to 15 m                                                                                                                                          |
| IR Wavelength               | 850 nm                                                                                                                                                           |
| PTZ                         |                                                                                                                                                                  |
| Movement Range (Pan)        | 0° to 350°                                                                                                                                                       |
| Movement Range (Tilt)       | -15° to 100°                                                                                                                                                     |
| Pan Speed                   | Up to 20°/s                                                                                                                                                      |
| Tilt Speed                  | Up to 15°/s                                                                                                                                                      |
| Video                       |                                                                                                                                                                  |
| Main Stream                 | 50 Hz: 60 fps (1920 × 1080, 1280 × 720)                                                                                                                          |
| Sub-Stream                  | 50 Hz: 60 fps (640 × 480, 640 × 360)                                                                                                                             |
| Video Compression           | 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                                                                                                                                                     |
| Audio                       |                                                                                                                                                                  |
| Audio Compression           | G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/AAC/PCM                                                                                                                  |
| Audio Bit Rate              | AAC: 16 Kbps, 32 Kbps, 64 Kbps; MP2L2: 32 Kbps, 40 Kbps, 48 Kbps, 56 Kbps, 64 Kbps, 80 Kbps, 96 Kbps, 112 Kbps, 128 Kbps, 144 Kbps, 160 Kbps; G.711alaw: 64 Kbps |
| Audio Sampling Rate         | 8 kHz/16 kHz                                                                                                                                                     |
| Environment Noise Filtering | Yes                                                                                                                                                              |
| Network                     |                                                                                                                                                                  |
| Protocols                   | IPv4/IPv6, HTTP, HTTPS, QoS, FTP, SMTP, UPnP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, DHCP, Bonjour                                                              |
| API                         | Open Network Video Interface (Version 18.12, Profile S, Profile G, Profile T), ISAPI, SDK, Hik-Connect                                                           |
| 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                                                                                                                                                 |
| Interface                   |                                                                                                                                                                  |
| Ethernet Interface          | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                                                                      |
| On-board Storage            | Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB                                                                                |
| Built-in Microphone         | 1 built-in microphone                                                                                                                                            |
| Built-in Speaker            | 1 built-in speaker                                                                                                                                               |

|                     |                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Reset               | Yes                                                                                                                                   |
| <b>Event</b>        |                                                                                                                                       |
| Basic Event         | Motion detection                                                                                                                      |
| Linkage             | Upload to FTP/memory card, notify surveillance center, send email, audible warning                                                    |
| <b>General</b>      |                                                                                                                                       |
| Power               | 5 VDC, Micro USB, Max. 5.5 W; PoE (802.3af)                                                                                           |
| Dimension           | 127 mm × 93.5 mm × 143 mm (5.00" × 3.68" × 5.63")                                                                                     |
| Weight              | Approx. 275 g (0.61 lb.)                                                                                                              |
| Material            | Plastic                                                                                                                               |
| Operating Condition | -10 °C to 40 °C (-14 °F to 104 °F). Humidity 90% or less (non-condensing)                                                             |
| General Function    | Mirror, password protection, watermark                                                                                                |
| <b>Approval</b>     |                                                                                                                                       |
| EMC                 | FCC SDoC (47 CFR Part 15, Subpart B);<br>CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); |
| Safety              | CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);<br>CE-LVD (EN 62368-1:2014+A11:2017);                                |
| Environment         | CE-RoHS (2011/65/EU); WEEE (2012/19/EU);<br>Reach (Regulation (EC) No 1907/2006)                                                      |
| Protection          | IP54                                                                                                                                  |

## ▪ DORI

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view.

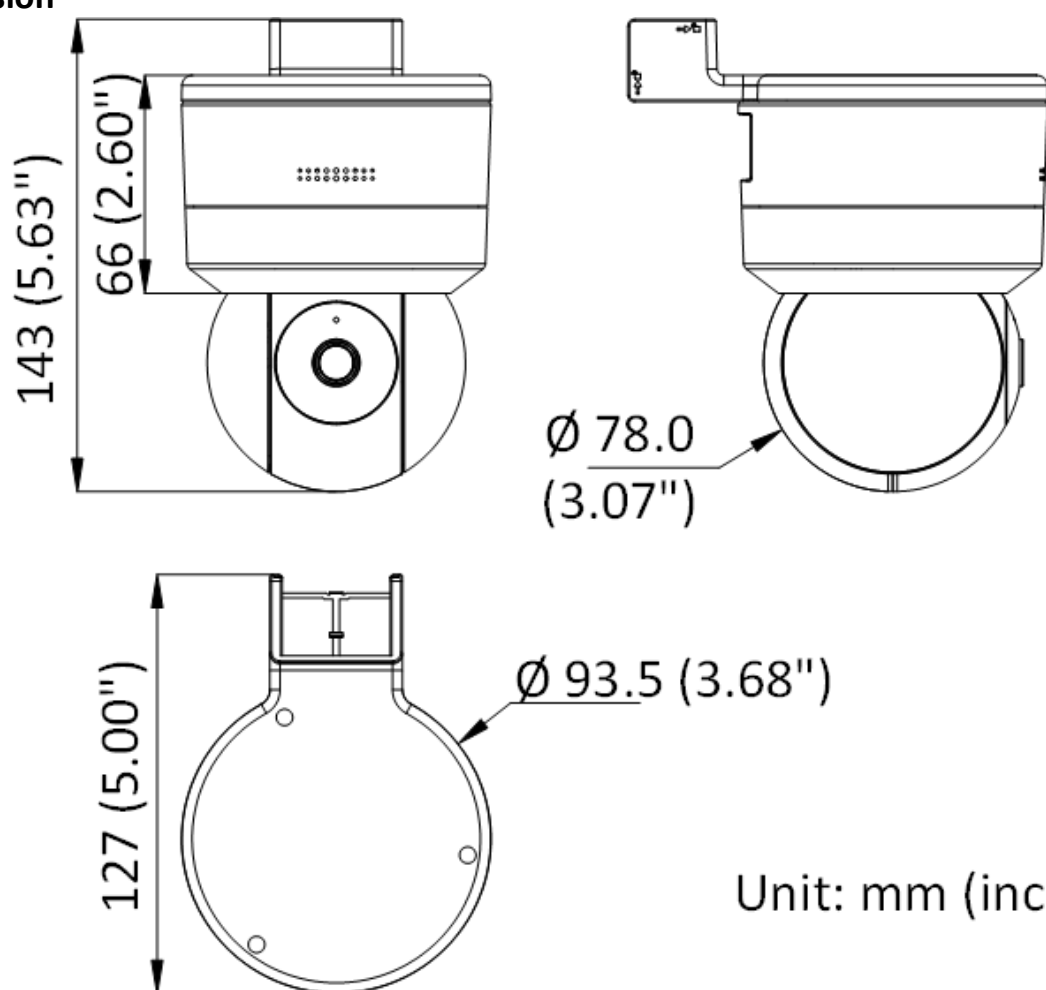
It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

| DORI            | Detect           | Observe         | Recognize       | Identify       |
|-----------------|------------------|-----------------|-----------------|----------------|
| Definition      | 25 px/m          | 63 px/m         | 125 px/m        | 250 px/m       |
| Distance (Tele) | 50 m (164.0 ft.) | 20 m (65.6 ft.) | 10 m (32.8 ft.) | 5 m (16.4 ft.) |

## ▪ Available Model

DS-2DE1C200IW-DE3(F1)(S7)

# ■ Dimension



Unit: mm (inch)

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