

## DS-2DE3A400BW-DE(F1)(S5) 4 MP Network PTZ Camera



Hikvision DS-2DE3A400BW-DE(F1)(S5) 4MP Network PTZ Camera can be widely used in multiple indoor and outdoor scenes, such as malls, stores, parks, factories, scenic areas, entrances and exits.

- Accurate human and vehicle target classification and alarm, and face capture based on deep learning hardware and algorithm
- Face capture: face tracking and grading; automatic selection of best shot; up to 5 faces detected and captured at the same time
- Linked audible and visual alarm. Built-in microphone and speaker
- Up to 2560 × 1440 @ 30 fps
- Min. illumination: Color: 0.0005 Lux @ (F1.0, AGC ON); 0 Lux with white light
- 24/7 colorful imaging with low power consumption. Up to 30 m white light distance
- 120 dB WDR, 3D DNR, HLC, EIS
- IP66; PoE

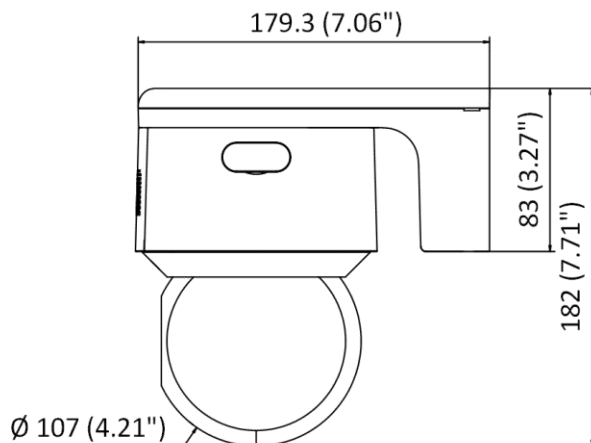
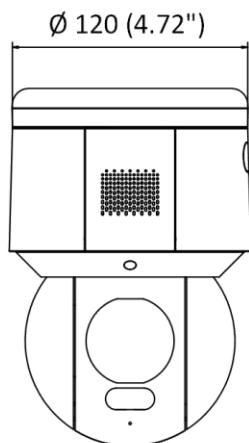


## ▪ Specification

| Camera Module               |                                                                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/1.8" progressive scan CMOS                                                                                                                                                |
| Min. Illumination           | Color: 0.0005 Lux @ (F1.0, AGC ON); 0 Lux with white light                                                                                                                  |
| Shutter Speed               | 1/1 to 1/30,000 s                                                                                                                                                           |
| Day & Night                 | 24/7 colorful imaging                                                                                                                                                       |
| Day/Night Switch            | day, night, auto, scheduled-switch                                                                                                                                          |
| BLC                         | yes                                                                                                                                                                         |
| WDR                         | 120 dB WDR                                                                                                                                                                  |
| HLC                         | yes                                                                                                                                                                         |
| 3D DNR                      | yes                                                                                                                                                                         |
| Defog                       | yes                                                                                                                                                                         |
| EIS                         | yes                                                                                                                                                                         |
| Regional Exposure           | yes                                                                                                                                                                         |
| Image Settings              | saturation, brightness, contrast, sharpness                                                                                                                                 |
| Image Parameters Switch     | yes                                                                                                                                                                         |
| White Balance               | Locked WB/Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp                                                                         |
| Digital Zoom                | 16 ×                                                                                                                                                                        |
| Privacy Mask                | up to 24 masks (8 masks for each scene)                                                                                                                                     |
| SNR                         | > 52 dB                                                                                                                                                                     |
| General Function            | mirror, password protection, watermark, IP address filter                                                                                                                   |
| Lens                        |                                                                                                                                                                             |
| Focal Length                | 4 mm                                                                                                                                                                        |
| FOV                         | Horizontal field of view: 88.7°<br>Vertical field of view: 46.5°<br>Diagonal field of view: 105.0°                                                                          |
| Aperture                    | F1.0                                                                                                                                                                        |
| PTZ                         |                                                                                                                                                                             |
| Movement Range (Pan)        | 350°                                                                                                                                                                        |
| Movement Range (Tilt)       | 0° to 90°                                                                                                                                                                   |
| Pan Speed                   | pan speed: configurable from 0.1° to 60°/s; preset speed: 60°/s                                                                                                             |
| Tilt Speed                  | tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s                                                                                                             |
| Proportional Zoom           | yes                                                                                                                                                                         |
| Presets                     | 300                                                                                                                                                                         |
| Power-off Memory            | yes                                                                                                                                                                         |
| Park Action                 | preset, patrol scan                                                                                                                                                         |
| 3D Positioning              | yes                                                                                                                                                                         |
| PTZ Status Display          | yes                                                                                                                                                                         |
| Preset Freezing             | yes                                                                                                                                                                         |
| Scheduled Task              | preset, patrol scan, dome reboot, dome adjust, aux output                                                                                                                   |
| Video                       |                                                                                                                                                                             |
| Max. Resolution             | 2560 × 1440                                                                                                                                                                 |
| Stream Type                 | main stream, sub-stream, third stream                                                                                                                                       |
| Main Stream                 | 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);<br>60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)                                       |
| Sub-Stream                  | 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);<br>60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)                                                                         |
| Third Stream                | 50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288);<br>60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| Video Compression           | H.265, H.264, MJPEG                                                                                                                                                         |
| SVC                         | yes                                                                                                                                                                         |
| ROI                         | yes                                                                                                                                                                         |
| Audio                       |                                                                                                                                                                             |
| Audio Compression           | G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM                                                                                                                       |
| Environment Noise Filtering | yes                                                                                                                                                                         |
| Smart Features              |                                                                                                                                                                             |
| Face Capture                | yes                                                                                                                                                                         |
| Basic Event                 | motion detection, alarm input, alarm output, video tampering alarm, exception                                                                                               |

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Smart Event             | intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection |
| Smart Record            | ANR, Dual-VCA                                                                                                                                                                        |
| Alarm Linkage           | preset, memory card video recording, alarm output, sending email, notify surveillance center, upload to FTP, audible warning, white light flashing                                   |
| Smart Encoding          | H.265+, H.264+, low bit rate, ROI, SVC                                                                                                                                               |
| Warning and Alert       | white light and audible warning                                                                                                                                                      |
| <b>Network</b>          |                                                                                                                                                                                      |
| Network Storage         | NAS (NFS, SMB/ CIFS)                                                                                                                                                                 |
| Protocols               | IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour                                                 |
| API                     | ISAPI, Hikvision SDK, Hik-Connect, Open Network Video Interface (Profile S, Profile G, Profile T), ISUP                                                                              |
| Simultaneous Live View  | Up to 20 channels                                                                                                                                                                    |
| User/Host               | Up to 32 users. 3 levels: Administrator, Operator and User                                                                                                                           |
| Security Measures       | Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter                                                           |
| Web Browser             | IE 10+, Chrome 57+, Firefox 52+, Safari 12+                                                                                                                                          |
| <b>Interface</b>        |                                                                                                                                                                                      |
| Power Output            | 12 VDC; < 60 mA                                                                                                                                                                      |
| Communication Interface | 1 RJ45 10 M/100 M Ethernet interface; PoE (802.3at)                                                                                                                                  |
| On-board Storage        | Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 512 GB                                                                                                                  |
| Alarm Input             | 1 alarm input                                                                                                                                                                        |
| Alarm Output            | 1 alarm output                                                                                                                                                                       |
| Audio Input             | 1 audio input, 2.0 to 2.4Vp-p, 1k Ohm $\pm$ 10%                                                                                                                                      |
| Audio Output            | 1 built-in speaker, 1 audio output, line level, impedance: 600 $\Omega$                                                                                                              |
| RS-485                  | Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive                                                                                                                              |
| <b>Illuminator</b>      |                                                                                                                                                                                      |
| Supplement Light Type   | White Light                                                                                                                                                                          |
| Supplement Light Range  | 30 m                                                                                                                                                                                 |
| <b>General</b>          |                                                                                                                                                                                      |
| Power                   | 12 VDC, 3.33 A & PoE (802.3at), 42.5 to 57 VDC, 0.6 A<br>Max. 14 W (including max. 4 W for white light)                                                                              |
| Operating Conditions    | humidity: $\leq$ 90%, temperature: -30°C to 65°C (-22°F to 149°F)                                                                                                                    |
| Reset                   | yes                                                                                                                                                                                  |
| Demist                  | yes                                                                                                                                                                                  |
| Dimensions              | 179.3 mm $\times$ 120 mm $\times$ 182 mm (7.06" $\times$ 4.72" $\times$ 7.71")                                                                                                       |
| Weight                  | Approx. 1.125 kg (2.48 lb.)                                                                                                                                                          |
| <b>Approval</b>         |                                                                                                                                                                                      |
| Protection              | IP66; 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection                                                                                                 |

## ■ Dimension



Unit: mm (inch)

## ▪ Available Model

DS-2DE3A400BW-DE(F1) (S5)

## Accessory

### Included



Power adapter

Distributed by



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