

## DS-2DE3A400BW-DE/W(F1)(S5) 4 MP ColorVu Network PT Camera



Hikvision DS-2DE3A400BW-DE/W(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

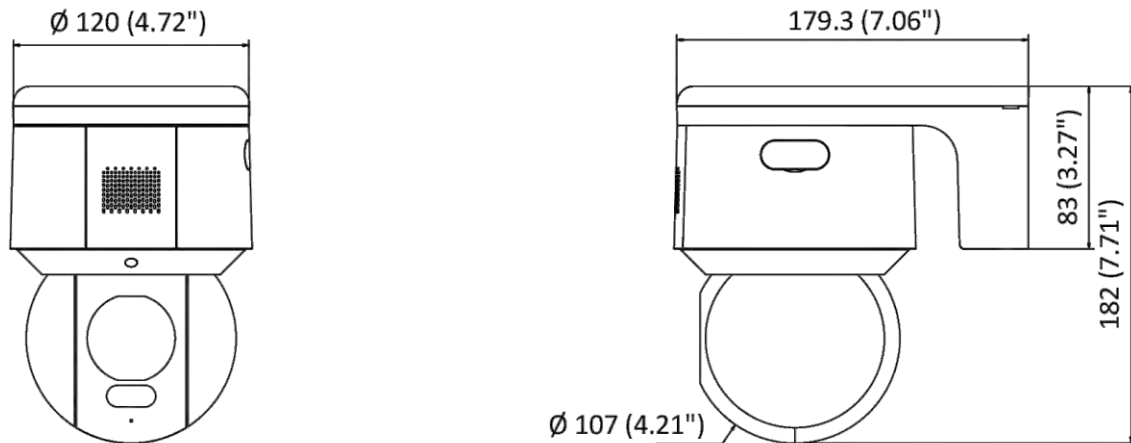


## ▪ Specification

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° Vertical field of view: 46.5° 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); 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288); 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); 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
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
<b>Network</b>	
Network Storage	NAS (NFS, SMB/ CIFS)
Protocols	IPv4/IPv6, HTTP, HTTPS, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, 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, IP address filter
Web Browser	IE 10+, Chrome 57+, Firefox 52+, Safari 12+
<b>Wi-Fi</b>	
Wi-Fi Protocols	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz -2.4835 GHz
Channel Bandwidth	20/40 MHz
Modulation	802.11b: CCK, DQPSK, DBPSK 802.11g: OFDM/64-QAM, 16-QAM, QPSK, BPSK 802.11n: OFDM/64-QAM, 16-QAM, QPSK, BPSK
Encryption Mode	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transfer Rates	11b: 11 Mbps, 11g: 54 Mbps, 11n: up to 150 Mbps
Wireless Range	Up to 50 m
<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 Max. 16 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/W(F1)(S5)

## Accessory

### Included

Distributed by



Power adapter

# HIKVISION

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com