

DS-2DE3A400BW-DE(F1)(S5) 4 MP ColorVu Network PT 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

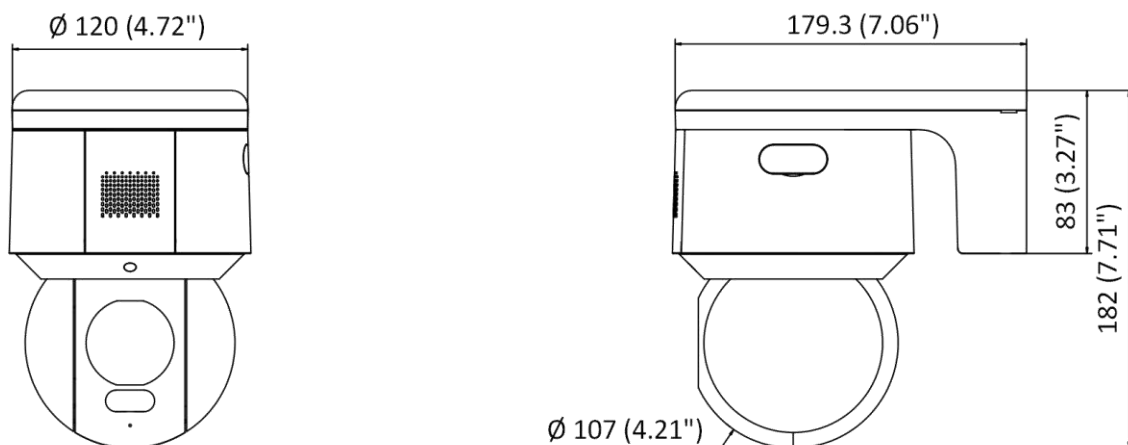


▪ Specification

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° 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
Network	
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+
Interface	
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 Ω
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	30 m
General	
Power	12 VDC, 3.33 A & PoE (802.3at), 42.5 to 57 VDC, 0.6 A 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.)
Approval	
Protection	IP66; 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection

Dimension



Unit: mm (inch)

▪ Available Model

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Accessory

Included



Power adapter

Distributed by



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