

DS-2DE3A400BW-DE(T5) 4 MP Network PTZ Camera

AcuSense















Hikvision DS-2DE3A400BW-DE(T5) 4 MP Network PTZ Camera can be widely used in multiple indoor and outdoor scenes, such as malls, stores, parks, factories, scenic areas, entrances and exits.

Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- Focuses on human and vehicle targets classification based on deep learning
- Face capture: 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
- IP66; PoE





Specification

 Specification 	
Camera	
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
Zoom	16x digital
Max. Resolution	2560 × 1440
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
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	White Light Distance: up to 30 m
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 Pan	Yes
Presets	300
Power-off Memory	Yes
Park Action	Preset, patrol scan
3D Positioning	Yes
Preset Freezing	Yes
Scheduled Task	Preset, patrol scan, dome reboot, dome adjust, aux output
Video	
A4 : C1	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);
Main Stream	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)
	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288);
Third Stream	60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264
	Sub-stream: H.265/H.264/MJPEG
	Third stream: H.265/H.264/MJPEG
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	8 fixed regions for each stream
Audio	
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PCM
Environment Noise Filtering	Yes



Network	
Network Storage	NAS (NFS, SMB/ CIFS)
Drotocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP,
Protocols	RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, Websocket, Websockets
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	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+
Image	
Day/Night Switch	Day, night, auto, scheduled-switch
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range (WDR)	120 dB WDR
Defog	Digital defog
Regional Exposure	Yes
Imaga Cattings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by
Image Settings	client software or web browser
Image Parameters Switch	Yes
Privacy Mask	Up to 24 masks (8 masks for each scene)
SNR	> 52 dB
Interface	
Built-in Speaker	1 built-in speaker
Power Output	12 VDC; < 60 mA
Ethernet Interface	1 RJ45 10 M/100 M Ethernet interface; PoE (802.3at)
On-board Storage	Built-in memory card slot, support MicroSD/SDHC/SDXC, up to 512 GB
Alarm	1 input, 1 output
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 K Ω ± 10%;
	1 output (line out), line level, output impedance: 600 Ω
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset	Yes
Event	
Basic Event	Video tampering alarm, motion detection, alarm input, alarm output, exception
	Line crossing detection, region entrance detection, unattended baggage detection,
Smart Event	object removal detection, intrusion detection, region exiting detection, audio
	exception detection
A1 1: 1	Preset, memory card video recording, alarm output, sending email, notify surveillance
Alarm Linkage	center, upload to FTP, audible warning, white light flashing
Deep Learning Function	
Face Capture	Detects up to 5 faces simultaneously. Supports detecting, capturing, grading, selecting
	of face in motion, and outputs the best face picture
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting
	Support alarm triggering by specified target types (human and vehicle)



General		
General Function	Mirror, password protection, watermark, IP address filter	
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 Condition	Humidity: ≤ 90%, temperature: -30°C to 65°C (-22°F to 149°F)	
Demist	Yes	
Dimension	179.3 mm × 120 mm × 182 mm (7.06" × 4.72" × 7.71")	
Weight	Approx. 1.125 kg (2.48 lb.)	
Approval		
Protection	IP66; 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection	

Available Model

DS-2DE3A400BW-DE(F1)(T5)

Typical Application

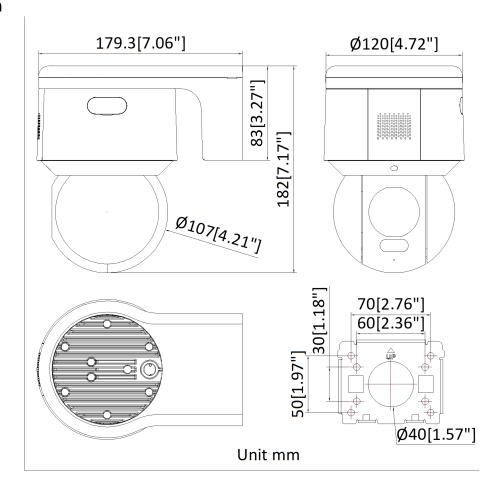
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion
	protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and
	more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion
	demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away
	from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion
	protection is needed.



Dimension







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