DS-2DE2A404W-DE3
4 MP 4x Outdoor Network PTZ Camera

DarkFighter™

The Hikvision DS-2DE2A404W-DE3 Outdoor Network PTZ Cameras provide high definition output. They support H.265+ video compression, which assures bandwidth and storage savings.

The cameras are equipped with a 2.8 mm to 12 mm motorized varifocal lens. DarkFighter™ technology provides full-color imaging even under extremely low light conditions.

Smart features such as line crossing, intrusion, scene change detection, and face detection are also supported.

Available models:
DS-2DE2A404W-DE3

- 1/3" (4 MP) Progressive Scan CMOS
- Up to 2560 x 1440 Resolution @ 24 fps
- Minimum Illumination:
  Color: 0.005 Lux @ (f/1.6, AGC on)
  B/W: 0.001 Lux @ (f/1.6, AGC on)
- DarkFighter™ Technology
- 4x Optical Zoom, 16x Digital Zoom
- H.265+, H.265, H.264+, H.264
- 120 dB WDR, 3D DNR
- IP66, IK10 Protection
- 12 VDC and PoE (802.3af)

TRUE WDR · 3D DNR · IR · ROI · H.265+ · MASK · ONVIF

c(UL)us · CE · FC · Onvif

Specifications

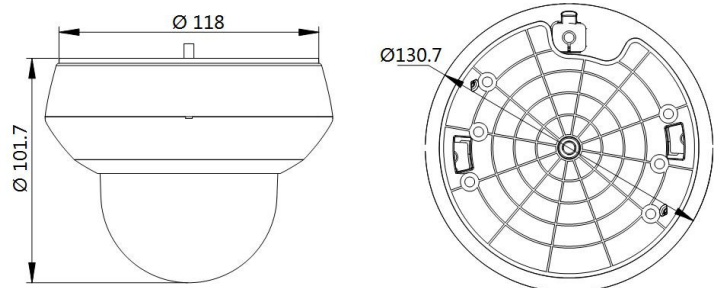| DS-2DE2A404W-DE3	
Camera	
Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	Color: 0.005 lux @ (f/1.6, AGC on), b/w: 0.001 lux @ (f/1.6, AGC on)
White Balance	Auto/manual/ATW (auto-tracking white balance)/indoor/outdoor/fluorescent lamp/sodium lamp
Gain	Auto/manual
Shutter Speed	1/1 s to 1/30,000 s slow shutter model (2x, 3x, 4x, 6x, 8x)
Day/Night	IR cut filter
Digital Zoom	16x
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/semi-automatic/manual
WDR	120 dB WDR
Lens	
Focal Length	2.8 to 12 mm, 4x optical zoom
Zoom Speed	Approximately 2s (optical lens, wide-tele)
Field of View	Horizontal field of view: 100° to 33° (wide-tele), vertical field of view: 53° to 18° (wide-tele), diagonal field of view: 119° to 37.5° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	f/1.6 to f/2.7
PTZ	
Movement Range (Pan)	0° to 330°
Pan Speed	Configurable, from 0.1°/s to 100°/s, preset speed: 100°/s
Movement Range (Tilt)	From 0° to 90°
Tilt Speed	Configurable, from 0.1°/s to 100°/s, preset speed: 100°/s
Proportional Zoom	Supported
Presets	300
Power-off Memory	Supported
Compression Standard	
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
H.264 Type	Baseline profile/main profile/high profile
H.264+	Supported
H.265+	Supported
Video Bit Rate	32 kbps to 16384 kbps
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 kbps to 160 kbps (MP2L2)
SVC	Supported
Smart Features	
Basic Event	Motion detection, video tampering detection, exception detection
Smart Event	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection
Smart Record	ANR (Automatic Network Replenishment), dual-VCA
ROI	Main stream, sub-stream, and third stream respectively support four fixed areas
Image	
Maximum Resolution	2560 × 1440
Main Stream	24 fps (2560 × 1440), 30 fps (2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	30 fps (1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	3D DNR, HLC, EIS, regional exposure, regional focus
Network	
Network Storage	MicroSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended, supports ONVIF, ISAPI, and CGI; HIKVISION SDK and third-party management platform, Hik-Connect
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users, 3 levels: administrator, operator, and user
Security Measures	User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	iVMS-4200, iVMS-4500, Hik-Connect
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
Interface	
Audio	1-ch audio input and 1-ch audio output
Communication Interface	1-port RJ-45 10 M/100 M Ethernet, PoE
General	
Power	12 VDC and PoE, maximum: 8 W
Working Temperature	-4° to 140° F (-20° to 60° C)
Working Humidity	≤90%
Protection Level	IP66 Standard, IK10, TVS 4000V lightning protection, surge protection, and voltage transient protection
Material	Aluminum alloy, PC, PC + ABS
Dimensions	Φ5.15" x 4.00" (Φ130.7 mm × 101.7 mm)
Weight	Approximately 1.17 lbs (0.53 kg)

Accessories

WMP-MPZ

Wall Mount

Dimensions

Ø 118

Ø 101.7

Ø130.7

Unit:mm

HIKVISION

Rev.032619NA