

## DS-2DE2A404IW-DE3 4 MP 4x IR Outdoor Network PTZ Camera

# DarkFighter<sup>-</sup>



- 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) 0 Lux with IR
- DarkFighter<sup>™</sup> Technology
- 4x Optical Zoom, 16x Digital Zoom
- H.265+, H.265, H.264+, H.264
- 120 dB WDR, 3D DNR
- Built-in Microphone
- IP66, IK10 Protection
- 12 VDC and PoE (802.3af)

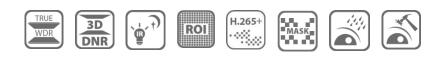
The Hikvision DS-2DE2A404IW-DE3 IR Outdoor Network PTZ Cameras provide high definition output. They support H.265+ video compression, which assures bandwidth and storage savings.

The camera is equipped with a 2.8 mm to 12 mm motorized varifocal lens and offers an IR range of up to 65 ft (20 m). DarkFighter<sup>™</sup> 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-2DE2A404IW-DE3



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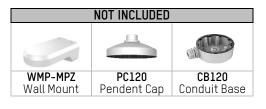
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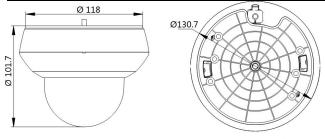
#### **Specifications**

	DS-2DE2A404IW-DE3
Camera	D-DLEANNIN-DLA
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), 0 lux with IR
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	
Privacy Mask	24 programmable privacy masks
Focus Mode WDR	Auto/semi-automatic/manual 120 dB WDR
Lens	120 UB WDR
Focal Length	2.8 mm 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)	
Tilt Speed	Configurable, from 0.1°/s to 100°/s, preset speed: 100°/s
Proportional Zoom Presets	Supported 300
Presets 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	6.711alaw/6.711ulaw/6.722.1/6.726/MP2L2/PCM
Audio Bit Rate	64 kbps (6.711)/16 kbps (6.722.1)/16 kbps (6.726)/32 kbps to 160 kbps (MP2L2)
SVC	Supported
Smart Features	
Basic Event Smart Event	Motion detection, video tampering detection, exception detection Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection,
Silidit Event	nate de lection, indusion detection, audio exception detection, region entrance detection, region exting detection, object removal detection, unattended baggage detection, audio exception detection
Smart Record	
	ANK IAUTOMATIC NETWORK REDIEMISTIMENT. UUAEVUA
	ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas
ROI	Main stream, sub-stream, and third stream respectively support four fixed areas
ROI	
ROI IR	Main stream, sub-stream, and third stream respectively support four fixed areas
ROI IR IR Distance Smart IR Image	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported
ROI IR IR Distance Smart IR Image Maximum Resolution	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps (704 × 480, 640 × 480, 352 × 240)
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   2560 × 1440   2560 × 1440, 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps (704 × 480, 640 × 480, 352 × 240)
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Network Storage	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   2560 × 1440   29 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR   IPv4/IPv6, HTTP, HTTPS, 802.1x, 0oS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour   Open-ended, supports 0NVIF, ISAPI, and C6I, HIKVISION SDK and third-party management platform, Hik-Connect
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps (704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR   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   Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect   Up to 20 channels
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View User/Host	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps (704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR   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   Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect   Up to 32 users, 3 levels: administrator, operator, and user
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR   IPv4/IPv6, HTTP, HTTPS, 802.1x, 0oS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour   Open-ended, supports 0NVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect   Up to 32 users, 3 levels: administrator, operator, and user   User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address
ROI IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View User/Host Security Measures	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440 24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 DNR, HLC, EIS, regional exposure, regional focus MicroSD/SDHC/SDXC card [256 GB], local storage and NAS (NFS,SMB/CIFS), ANR 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 Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect Up to 20 channels User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440 24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 DNR, HLC, EIS, regional exposure, regional focus MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR 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 Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect Up to 20 channels Up to 32 users, 3 levels: administrator, operator, and user User authentication [ID and PW], host authentication [MAC address]; HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering IVMS-4200, IVMS-4500, Hik-Connect
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440 24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 DNR, HLC, EIS, regional exposure, regional focus MicroSD/SDHC/SDXC card [256 GB], local storage and NAS (NFS,SMB/CIFS), ANR 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 Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect Up to 20 channels User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Image Enhancement Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440 24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 DNR, HLC, EIS, regional exposure, regional focus MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR 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 Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect Up to 20 channels Up to 32 users, 3 levels: administrator, operator, and user User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering IVMS-4200, IVMS-4500, Hik-Connect IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440 24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 DNR, HLC, EIS, regional exposure, regional focus MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS, SMB/CIFS], ANR IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SMMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect Up to 32 users, 3 levels: administrator, operator, and user User authentication [ID and PW], host authentication [MAC address]; HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering IVMS-4200, IVMS-4500, Hik-Connect IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51 1-ch audio input and 1-ch audio output, built-in microphone
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser Interface Audio	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440 24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 DNR, HLC, EIS, regional exposure, regional focus MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR 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 Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect Up to 20 channels Up to 32 users, 3 levels: administrator, operator, and user User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering IVMS-4200, IVMS-4500, Hik-Connect IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser Interface Audio Communication Interface	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440 24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 DNR, HLC, EIS, regional exposure, regional focus MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS, SMB/CIFS], ANR IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SMMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect Up to 32 users, 3 levels: administrator, operator, and user User authentication [ID and PW], host authentication [MAC address]; HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering IVMS-4200, IVMS-4500, Hik-Connect IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51 1-ch audio input and 1-ch audio output, built-in microphone
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser Interface Audio Communication Interface Beneral Power Working Temperature	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [726 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR   IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SMMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour   Open-ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect   Up to 32 users, 3 levels: administrator, operator, and user   User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering   IVMS-4200, IVMS-4500, Hik-Connect   IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51   1-ch audio input and 1-ch audio output, built-in microphone   1-port R345 10 M/100 M Ethernet, PoE   12 VDC and PoE, maximum: 12 W [maximum 3.9 W for IR]   -4° to 140° F [-20° to 60° C]
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Third Stream Third Stream Image Enhancement Network Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser Interface Audio Communication Interface General Power Working Temperature Working Temperature	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 ps [704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR   [Pv4/IPv6, HTTP, HTTPS, 802.1x, 0oS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour   Open-ended, supports 0NVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect   Up to 32 users, 3 levels: administrator, operator, and user   User authentication (ID and PVV), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering   IVMS-4200, IVMS-4500, Hik-Connect   IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51   1-ch audio input and 1-ch audio output, built-in microphone   1-port R345 10 M/100 M Ethernet, PoE   12 VDC and POE, maximum: 12 W [maximum 3.9 W for IR]   -4* to 140° F [-20* to 60° C]   ≤90% non-condensing
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Third Stream Image Enhancement Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser Interface Audio Communication Interface General Power Working Temperature Working Temperature	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   24 fps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 ps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 pn, HLC, ElS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR   IPv4/IPv6, HTTP, HTTPS, 802.1x, 005, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour   Open-ended, supports 0NVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect   Up to 22 users, 3 levels: administrator, operator, and user   User authentication I(D and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering   IVMS-4200, IVMS-4500, Hik-Connect   IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51   1-ch audio input and 1-ch audio output, built-in microphone   1-port R345 10 M/100 M Ethernet, PoE   12 VOC and PoE, maximum: 12 W [maximum 3.9 W for IR]   -4° to 140° F [-20° to 60° C]   ≤90% non-condensing   IP68 Standard, IKL0, TVS 4000V lightning protection, surge protection, and voltage transie
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Third Stream Image Enhancement Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser Interface Audio Communication Interface General Power Working Temperature Working Humidity Protection Level Material	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   2560 × 1440, 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 6B], local storage and NAS (NFS,SMB/CIFS), ANR   IPv4/IPv6, HTTP, HTTPS, 802.1x, 0os, FTP, SMTP, UPvP, SNMP, DNS, DNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour   Open -ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect   Up to 32 users, 3 levels: administrator, operator, and user   User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering   IVMS-4200, IVMS-4500, Hik-Connect   IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51   1-ch audio input and 1-ch audio output, built-in microphone   1-port RJ45 10 M/100 M Ethernet, POE   12 VDC and PoE, maximum: 12 W (maximum 3.9 W for IR]   -4* to 140° F I-20* to 60° C1   ≤90% non-condensing   IP66 Standard, IK10,
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub Stream Third Stream Image Enhancement Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser Interface General Power Working Temperature Working Humidity Protection Level Material Dimensions	Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 2560 × 1440 24 ft ps [2560 × 1440], 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 DNR, HLC, EIS, regional exposure, regional focus MicroSD/SDHC/SDXC card [256 GB], local storage and NAS [NFS,SMB/CIFS], ANR IPv4/IPv6, HTTP, HTTPS, 802.1x, 90S, FTP, SMTP, UPNP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPeE, Bonjour Open-ended, supports DNVF, ISAPI, and C6I, HKVISION SDK and third-party management platform, Hik-Connect Up to 20 channels Up to 32 sters, 3 levels: administrator, operator, and user User authentication [ID and PW], host authentication [MAC address]; HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering IVMS-4200, IVMS-4500, Hik-Connect IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51 1-ch audio input and 1-ch audio output, built-in microphone 1-port R345 10 M/100 M Ethernet, POE 12 VDC and POE, maximum: 12 W [maximum 3.9 W for IR] -4" to 140" F [-20" to 60" C] 390% non-condensing IP66 Standard, K10, TVS 4000V lightning protection, surge protection, and voltage transient protection Aluminum alloy, PC, PC + ABS 95.15" × 4.00" [8] 30.7 mm × 101.7 mm]
ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Third Stream Image Enhancement Network Storage Protocols API Simultaneous Live View User/Host Security Measures Client Web Browser Interface Audio Communication Interface General Power Working Temperature Working Humidity Protection Level Material	Main stream, sub-stream, and third stream respectively support four fixed areas   65 ft [20 m]   Supported   2560 × 1440   2560 × 1440, 30 fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240]   30 DNR, HLC, EIS, regional exposure, regional focus   MicroSD/SDHC/SDXC card [256 6B], local storage and NAS (NFS,SMB/CIFS), ANR   IPv4/IPv6, HTTP, HTTPS, 802.1x, 0os, FTP, SMTP, UPvP, SNMP, DNS, DNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour   Open -ended, supports ONVIF, ISAPI, and CGI, HIKVISION SDK and third-party management platform, Hik-Connect   Up to 32 users, 3 levels: administrator, operator, and user   User authentication (ID and PW), host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering   IVMS-4200, IVMS-4500, Hik-Connect   IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51   1-ch audio input and 1-ch audio output, built-in microphone   1-port RJ45 10 M/100 M Ethernet, POE   12 VDC and PoE, maximum: 12 W (maximum 3.9 W for IR]   -4* to 140° F I-20* to 60° C1   ≤90% non-condensing   IP66 Standard, IK10,

### **Accessories**



#### **Dimensions**



Unit:mm

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