

DS-2DE2A204IW-DE3

2 MP 4x IR Outdoor Network PTZ Camera

DarkFighter



- 1/3" (2 MP) Progressive Scan CMOS
- Up to 1920 x 1080 Resolution @ 30 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[™] 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)

The Hikvision DS-2DE2A204IW-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™ 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-2DF2A204IW-DF3



























Specifications

	DS-2DE2A204IW-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), 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	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 Field of View	Approximately 2s (optical lens, wide-tele) Horizontal field of view: 109° to 34° (wide-tele), vertical field of view: 57° to 19° (wide-tele), diagonal field of view: 135° to 39° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	10 mm to 1300 mm (wide-tete) f/1.6 to f/2.7
Aperture Range PTZ)/1.0 to /2.7
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 (6.711)/16 kbps (6.722.1)/16 kbps (6.726)/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
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 Event Smart Record	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA
	unattended baggage detection, audio exception detection
Smart Record	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA
Smart Record ROI	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m]
Smart Record ROI IR IR Distance Smart IR	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas
Smart Record R0I IR IR Distance Smart IR	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported
Smart Record ROI IR Distance Smart IR Image Maximum Resolution	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080
Smart Record R0I IR IR Distance Smart IR Image Maximum Resolution Main Stream	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 1920 × 1080 30 fps [1920 × 1080, 1280 × 960, 1280 × 720]
Smart Record ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub-Stream	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 1920 × 1080 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240]
Smart Record ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub-Stream Third Stream	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (704 × 480, 640 × 480, 352 × 240) 30 fps (704 × 480, 640 × 480, 640 × 480, 352 × 240)
Smart Record ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub-Stream Third Stream Image Enhancement	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 1920 × 1080 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [704 × 480, 640 × 480, 352 × 240]
Smart Record R0I IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub-Stream Third Stream Image Enhancement Network	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 480, 640 × 480, 352 × 240) 30 fps (1280 × 720, 704 × 480, 640 × 480, 352 × 240) 30 DNR, HLC, EIS, regional exposure, regional focus
Smart Record R0I IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub-Stream Third Stream Image Enhancement Network Network Storage	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 4480, 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
Smart Record R0I IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub-Stream Third Stream Image Enhancement Network	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 1920 × 1080 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [1920 × 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, DNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
Smart Record R0I IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub-Stream Third Stream Image Enhancement Network Network Storage Protocols	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 1920 × 1080 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 3D 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
Smart Record ROI IR IR Distance Smart IR Image Maximum Resolution Main Stream Sub-Stream Third Stream Image Enhancement Network Network Storage Protocols API	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 1920 × 1080 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [1920 × 1080, 4480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 30 fps [1280 × 720, 704 × 480, 640 × 480, 352 × 240] 3D IDNR, 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
Smart Record 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	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 440, 460, 352 × 240) 30 fps (1280 × 720, 704 × 480, 640 × 480, 352 × 240) 30 fps (1280 × 720, 704 × 480, 640 × 480, 450 × 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
Smart Record R0I 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	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 1920 × 1080 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [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
Smart Record 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	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 460 × 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, goS, 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 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
Smart Record R0I 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	unattended baggage detection, audio exception detection ANR [Automatic Network Replenishment], dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft [20 m] Supported 1920 × 1080 30 fps [1920 × 1080, 1280 × 960, 1280 × 720] 30 fps [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
Smart Record R0I 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	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 480, 640 × 480, 352 × 240) 30 fps (1920 × 720, 704 × 480, 640 × 480, 352 × 240) 30 fps (1920 × 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 PWI), 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
Smart Record R0I 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	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 1280 × 480, 352 × 240) 30 fps (1928 × 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, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour 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
Smart Record R0I 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 Communication Interface	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 480, 640 × 480, 352 × 240) 30 fps (1920 × 720, 704 × 480, 640 × 480, 352 × 240) 30 fps (1920 × 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 PWI), 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
Smart Record R0I 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 Communication Interface General	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (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 fps (1280 × 720, 704 × 480, 640 × 480, 552 × 240) 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 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 1-port R3-5 10 M/100 M Ethernet, PoE
Smart Record R0I 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 Communication Interface General Power	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 400 × 480, 540 × 480, 352 × 240) 30 fps (1920 × 720, 704 × 480, 640 × 480, 352 × 240) 30 fps (1980 × 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 1-ch audio input and 1-ch audio output 1-port RJ-5 10 M/100 M Ethernet, PoE
Smart Record R0I 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 Communication Interface General Power Working Temperature	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (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, 005, FTP, SMTP, UPPP, 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 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 1-ch audio input and 1-ch audio output 1-port RJ-5 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)
Smart Record R0I 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 Communication Interface General Power Working Temperature Working Temperature Working Temperature	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 1280 × 480, 352 × 240) 30 fps (1920 × 20, 704 × 480, 640 × 480, 352 × 240) 30 fps (1920 × 720, 704 × 480, 640 × 480, 352 × 240) 3D DNR, HLC, ElS, regional exposure, regional focus MicroSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR [Pv4/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 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 1-ch audio input and 1-ch audio output 1-port RJ-5 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%
Smart Record R0I 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 Communication Interface General Power Working Temperature	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 480, 352 × 240) 30 fps (1920 × 1080, 480, 352 × 240) 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) 30 fps (1920 × 720, 704 × 480, 640 × 480, 352 × 240) 30 DNR, HLC, ElS, regional exposure, regional focus MicroSD/SDHC/SDXC card (256 6B), local storage and NAS (NFS,SMB/CIFS), ANR IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPPP, SMNP, 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 PWI), 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 1-port RJ-5 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% IPP66 Standard, IK10, TVS 4000V lightning protection, surge protection, and voltage transient protection
Smart Record R0I 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 Communication Interface General Power Working Temperature Working Temperature Working Humidity Protection Level	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 1280 × 480, 352 × 240) 30 fps (1920 × 20, 704 × 480, 640 × 480, 352 × 240) 30 fps (1920 × 720, 704 × 480, 640 × 480, 352 × 240) 3D DNR, HLC, ElS, regional exposure, regional focus MicroSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR [Pv4/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 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 1-ch audio input and 1-ch audio output 1-port RJ-5 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%
Smart Record R0I 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 Communication Interface General Power Working Temperature Working Humidity Protection Level Material	unattended baggage detection, audio exception detection ANR (Automatic Network Replenishment), dual-VCA Main stream, sub-stream, and third stream respectively support four fixed areas 65 ft (20 m) Supported 1920 × 1080 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) 30 fps (1920 × 1080, 1280 × 480, 852 × 240) 30 fps (1920 × 1080, 1280 × 480, 840 × 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 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 INMS-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 1-port R7-5 10 M/100 M Ethernet, PoE 12 VDC and PoE, maximum: 12 W (maximum 3.9 W for IR) -4* to 140° F1-20* to 60° C1 ≤90% IP66 Standard, IK10, TVS 4000V lightning protection, surge protection, and voltage transient protection Aluminum altoy, PC, PC + ABS

Accessories

Dimensions







