

# DS-2CD6424FWD-10'20'30'40 2MP Covert Network Camera











DS-2CD6424FWD-XX is the covert camera with 4 optional lens shapes.

Key features including:

Cylindrical, block-shaped, fixed focal and ball-shaped of lens are optional:

2m or 8m (between lens and camera body) cable is optional for flexible installation;

DS-2CD6424FWD-XX 1080p HD resolution for real-time output; Rotate mode, BLC and True WDR are supported for different environment.

### **Key Features:**

- 1/2.7" Progressive Scan CMOS
- Up to 1920×1080@30fps for real-time output
- True WDR, up to 120dB
- PoE supported
- Built-in Micro SD / SDHC / SDXC card slot, up to 128GB
- Support HLC, Defog
- Optional appearance of the front-end(the mini bullet and block) and brackets





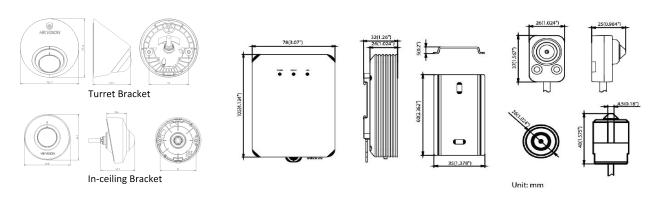
## Specification

Lens angle of view: 53.9° (Ingress Protection: IP66) L40: 2.8mm@F2.0, angle of view: 109.4°/ 4mm @F2.2, angle of view: 90°/ 6 mm @F2.0, angle of view: 53.9° / Fisheye: 1.39mm@F2.0, angle of view: 180° (Ingress Protection: IP66)  Lens Mount M12 WDR 120dB DNR 120dB DNR 3D Digital Noise Reduction Length of Lens Cable Optional 2m or 8m  Compression Standard Video Compression H.264/MJPEG H.264 Type Main Profile / High Profile Video Bit Rate 32 Kbps to 16 Mbps Audio Compression G.711/G.722.1/G.726/MP2L2/PCM Audio Bit Rate 64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)  Image  Max. Resolution 1920×1080  Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720) Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)  Image Setting Rotate mode(first channell), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC Yes, zone optional Defog Support Highlight Compensation Day / Night mode Auto / Timing / Alarm trigger Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional ROI Up to 4 fixed areas in each stream  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)	Camera	
Shutter Speed         1s to 1/100,000s           Slow Shutter         Support           L10/L20/10/20: 3.7mm @F2.0, angle of view: 78.5°           L30/30: 2.8mm@F2.0, angle of view: 199.4°/ 4mm @F2.2, angle of view: 90°/ 6 mm @F2.0, angle of view: 53.9°/ (Ingress Protection: IP66)           Lens         angle of view: 53.9°/ (Ingress Protection: IP66)           Lens         Mount         M12           WDR         1 2008         12008           DNR         3D Digital Noise Reduction         12048           Length of Lens Cable         Optional 2m or 8m         0ptional 2m or 8m           Compression         4L264/MIPEG         4L264/MIPEG           H.264 Type         Main Profile / High Profile         1406 Compression           Video Bit Rate         32 Kbps to 16 Mbps         4MMPEG           Audio Graphics         64kbps (6.711)/16Kbps (6.722.1)/16Kbps (G.726.)/32 to 160Kbps (MP2L2)           Image         50Hz: 25fps (1920×1080, 1280×960, 1280×720)           60Hz: 30fps (1920×1080, 1280×960, 1280×720)         60Hz: 30fps (1920×1080, 1280×960, 1280×720)           60Hz: 30fps (1920×1080, 1280×960, 1280×720)         60Hz: 30fps (1920×1080, 1280×960, 1280×720)           Image Setting         Rolate modelfirst channel), saturation, brightness, contrast, sharpness and gray scale adjustable           BLC         Yes, zone optional	Image Sensor	1/2.7" Progressive Scan CMOS
Slow Shutter  L10/L20/210/20: 3.7mm @F2.5, angle of view: 78.5° L30/30: 2.8mm@F2.0, angle of view: 109.4°/ 4mm @F2.2, angle of view: 90°/ 6 mm @F2.0, angle of view: 53.9° (Ingress Protection: IP66)  L40: 2.8mm@F2.0, angle of view: 109.4°/ 4mm @F2.2, angle of view: 90°/ 6 mm @F2.0, angle of view: 53.9° / Fisheye: 1.39mm@F2.0, angle of view: 180° (Ingress Protection: IP66)  Lens Mount  M12  WDR 120dB  DNR 30 Digital Noise Reduction  Length of Lens Cable Optional 2m or 8m  Compression Standard  Video Compression  H.264/MJPEG H.264/MJPEG H.264/MJPEG H.264 Type Main Profile / High Profile Video Bit Rate 32 Kbps to 16 Mbps  Audio Compression  G.711/G.722.1/G.726/MP2L2/PCM  Audio Bit Rate 32 Kbps to 16 Mbps  Audio Compression  Max. Resolution  1920×1080  Max. Resolution  1920×1080  Frame Rate  60Hz: 25fps (1920×1080, 1280×960, 1280×720)  Third stream  Independent with main stream, up to 50Hz: 10fps (1280×960) 60Hz: 10fps (1280×960)  Image Setting  Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC  Yes, zone optional  Support  Highlight Compensation  Support  Highlight Compensation  Network  Network Storage  Support Micro SD/SDHC/SDXC slot, up to 128GR, Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, seen change detection, Fire, PhDe, DNS, DNS, RTP, RTSP, RTCP, PPPoE, NTP, UPPP, SMTP, SMMP, IGMP, 800.1X, ROS, IPP6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  General  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface	Min. Illumination	0.01Lux @(F1.2, AGC ON); 0.028 Lux @(F2.0, AGC ON)
L10/L20/10/20: 3.7mm @F2.5, angle of view: 78.5° L30/30: 2.8mm@F2.0, angle of view: 109.4°/ 4mm @F2.2, angle of view: 90°/ 6 mm @F2.0, angle of view: 53.9° (Ingress Protection: IP66) L40: 2.8mm@F2.0, angle of view: 109.4°/ 4mm @F2.2, angle of view: 90°/ 6 mm @F2.0, angle of view: 53.9° (Ingress Protection: IP66) L40: 2.8mm@F2.0, angle of view: 180° (Ingress Protection: IP66) L40: 2.8mm@F2.0, angle of view: 180° (Ingress Protection: IP66) DNR 3D Digital Noise Reduction Compression Standard Video Compression H.264 Type Main Profile / High Profile Video Sit Rate 32 Kbps to 15 Mbps Audio Compression G.711/G.722.1/G.726/MP2L2/PCM Audio Bit Rate 32 Kbps to 15 Mbps Max. Resolution 920×1080 Frame Rate 64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2) Image Max. Resolution 1920×1080 Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720) G0Hz: 30fps (1920×1080, 1280×960, 1280×720) Frame Rate 60Hz: 30fps (1920×1080, 1280×960, 1280×720) Frame Rate 750Hz: 25fps (1920×1080, 1280×960, 1280×720) Image Setting Rotate modelfirst channell, saturation, brightness, contrast, sharpness and gray scale adjustable BLC Yes, zone optional Support Highlight Compensation Day / Night mode Auto / Timing / Alarm trigger Up to 4 fixed areas in each stream ROI Up to 4 fixed areas in each stream Network Network Network Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS) motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, shorty. Poppor, NFP, PPPoE, NTP, UPnP, SMTP, SMMP, IGMP, 800.1X, QoS, Ir69, Bonjour SHMP, IGMP, anonymous login, IP address filtering Interface Communication 1 RJ45 10M/100M Ethernet interface Audio Interface	Shutter Speed	1s to 1/100,000s
Lens Lens Lagle of view: 53.9" (Ingress Protection: 1966) L40: 2.8mm@F2.0, angle of view: 109.4"/ 4mm @F2.2, angle of view: 90"/ 6 mm @F2.0, angle of view: 53.9" (Ingress Protection: 1966) L40: 2.8mm@F2.0, angle of view: 180" (Ingress Protection: 1966) L40: 2.8mm@F2.0, angle of view: 180" (Ingress Protection: 1966) Lens Mount M12 WDR 120dB DNR 3D Digital Noise Reduction Length of Lens Cable Optional 2m or 8m  Compression Standard Video Compression H.264/MJPEG H.264 Type Main Profile / High Profile Video Bit Rate 32 kbps to 16 Mbps Audio Compression G.711/G.722.1/G.726/MP2L2/PCM Audio Bit Rate 32 kbps to 16 Mbps Audio Compression G.711/G.722.1/G.726/MP2L2/PCM Audio Bit Rate 64kbps (G.711)/16kbps (G.722.1)/16kbps (G.726)/32 to 160kbps (MP2L2) Innage Max. Resolution 1920×1080 S0Hz: 25fps (1920×1080, 1280×960, 1280×720) Frame Rate 60Hz: 30fps (1920×1080, 1280×960, 1280×720) Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960) Image Setting Rotate model(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable support BLC Yes, zone optional Support Day / Night mode Auto / Timing / Alarm trigger Image Overlay Support Altor Stream Auto / Timing / Alarm trigger Image Overlay Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  Metwork  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  Motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, increossing detection, defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DNS, RTP, RTSP, RTCP, PPDE, NTP, UPPP, SNMP, SNMP, IGMP, 802.1X, QoS, IPPG, Bonjour  Formalication 11 RJ45 10M/100M Ethernet interface  Communication 11 RJ45 10M/100M Ethernet interface  Audio Interface	Slow Shutter	Support
L40: 2.8mm@F2.0, angle of view: 109.4*/ 4mm @F2.2, angle of view: 90*/ 6 mm @F2.0, angle of view: 53.9*/ Fisheye: 1.39mm@F2.0, angle of view: 180* (Ingress Protection: IP66)  Lens Mount M12  WDR 120dB  DNR 3D Digital Noise Reduction Length of Lens Cable Optional Zm or 8m  Compression Standard  Video Compression H.264 /MJPEG  H.264 Type Main Profile / High Profile  Video Bit Rate 32 kbps to 16 Mbps  Audio Compression G.711/G.722.1/G.726/MP2L2/PCM  Audio Bit Rate 64kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)  Image Setting Solve: 25fps (1920×1080, 1280×960, 1280×720)  Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720)  Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720)  Frame Rate 60Hz: 30fps (1920×1080, 1280×960, 1280×720)  Frame Rate 70Hz: 25fps (1920×1080, 1280×960, 1280×720)  Frame Rate 80Hz: 30fps (1920×1080, 1280×1080, 1280×720)  Frame Rate 80Hz: 30fps (1920×1080, 1280×1080, 1280×109)  Frame Rate 80Hz: 30fps (1920×1080, 1280×1080, 1280×1		L10/L20/10/20: 3.7mm @F2.5, angle of view: 78.5° L30/30: 2.8mm@F2.0, angle of view: 109.4°/ 4mm @F2.2, angle of view: 90°/ 6 mm @F2.0,
Lens Mount M12 WDR 1204B DNR 3D Digital Noise Reduction Length of Lens Cable Optional 2m or 8m Compression Standard Video Compression H.264/MJPEG H.264 Type Main Profile / High Profile Video Bit Rate 32 Kbps to 16 Mbps Audio Compression G.711/G.722.1/G.726/MP2L2/PCM Audio Bit Rate 32 Kbps to 16 Mbps Audio Compression G.711/G.722.1/G.726/MP2L2/PCM Audio Bit Rate 64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2) Image  Max. Resolution 1920×1080 Frame Rate 65Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 25fps (1920×1080, 1280×960, 1280×720) Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960) Image Setting Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable BLC Yes, zone optional Defog Support Highlight Compensation Support Day / Night mode Auto / Timing / Alarm trigger Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional ROI Up to 4 fixed areas in each stream Network Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS) motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address Conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection Protocols TCP/IP (ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPPP, SMTP, SNNP, IGMP, 802.1X, QoS, IPv6, Bonjour Standard ONVIF(PROFILE S, PEOFILE G), ISAPI General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering Interface Communication 1 RJ45 10M/100M Ethernet interface Audio Interface	Lens	angle of view: 53.9° (Ingress Protection: IP66)
Lens Mount M12  WDR 1204B  DNR 3D Digital Noise Reduction  Compression Standard  Video Compression H.264/MJPEG  H.264 Type Main Profile / High Profile  Video Bit Rate 32 Kbps to 16 Mbps  Audio Compression  G.711/G.722.1/G.726/MP2L2/PCM  Audio Bit Rate 64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)  Image  Image  Image  SolHz: 25fps (1920×1080, 1280×960, 1280×720)  60Hz: 30fps (1920×1080, 1280×960, 1280×720)  60Hz: 30fps (1920×1080, 1280×960, 1280×720)  Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720)  60Hz: 30fps (1920×1080, 1280×960, 1280×720)  Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)  Image Setting Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC Yes, zone optional  Defog Support  Highlight Compensation Support  Day / Night mode Auto / Timing / Alarm trigger  Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI Up to 4 fixed areas in each stream  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SMMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RI45 10M/100M Ethernet interface  Audio Interface 13.5mm audio in (Mic in/Line in)/out interface		L40: 2.8mm@F2.0, angle of view: 109.4°/ 4mm @F2.2, angle of view: 90°/ 6 mm @F2.0, angle
DNR 3D Digital Noise Reduction Compression Standard Video Compression H.264/MJPEG H.264 Type Main Profile / High Profile Video Bit Rate 32 Kbps to 16 Mbps Audio Compression G.711/G.722.1/G.726/MP2L2/PCM Audio Bit Rate 64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2) Innage  Max. Resolution 1920×1080 Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×20) Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960) Image Setting Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable BLC Yes, zone optional Defog Support Highlight Compensation Day/ Night mode Auto / Timing / Alarm trigger Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional ROI Up to 4 fixed areas in each stream  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB, Edge recording, NAS (NFS,SMB/CIFS) motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPP0E, NTP, UPnP, SMTP, SMMP, IGMB, 802.1X, QoS, IPv6, Bonjour Standard ONVIF(PROFILE S, PEOFILE G), ISAPI General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface Communication 1 RJ45 10M/100M Ethernet interface Addio Interface  1 3.5mm audio in (Mic in/Line in)/out interface		of view: 53.9°/ Fisheye: 1.39mm@F2.0, angle of view: 180° (Ingress Protection: IP66)
DNR   SD Digital Noise Reduction		
Length of Lens Cable         Optional 2m or 8m           Compression Standard           Video Compression H.264/NJPEG         H.264 Ype           Main Profile / High Profile           Video Bit Rate 32 Kbps to 16 Mbps           Audio Compression G.711/G.722.1/G.726/MP2L2/PCM           Audio Bit Rate 64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)           Image           Max. Resolution 1920×1080           Frame Rate 66Hz. 25fps (1920×1080, 1280×960, 1280×720)           60Hz: 30fps (1920×1080, 1280×960, 1280×720)           Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)           Image Setting Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable           BLC Yes, zone optional           Defog Support           Highlight Compensation Support           Day / Night mode Auto / Timing / Alarm trigger           Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional           ROI Up to 4 fixed areas in each stream           Network           Network           Network Storage         Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)           Alarm Trigger         motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, intrusion detection, Lin		
Compression Standard         Video Compression         H.264/MJPEG           H.264 Type         Main Profile / High Profile           Video Bit Rate         32 Kbps to 16 Mbps           Audio Compression         G.711/G.722.1/G.726/MP2L2/PCM           Audio Bit Rate         64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)           Image         Image           Max. Resolution         1920×1080           Frame Rate         50Hz: 25fps (1920×1080, 1280×960, 1280×720)           60Hz: 30fps (1920×1080, 1280×960, 1280×720)           Third stream         Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)           Image Setting         Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable           BLC         Yes, zone optional           Defog         Support           Highlight Compensation         Support           Day / Night mode         Auto / Timing / Alarm trigger           Image Overlay         Support 128×128 size BMP with 24-bit depth image overlay, zone optional           ROI         Up to 4 fixed areas in each stream           Network           Network Storage         Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)           Alarm Trigger         motion detection, face detection, dynamic analysis, tampe		
Video Compression         H.264/MJPEG           H.264 Type         Main Profile / High Profile           Video Bit Rate         32 Kbps to 16 Mbps           Audio Compression         G.711/G.722.1/G.726/MP2L2/PCM           Audio Bit Rate         64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)           Image         Max. Resolution         1920×1080           Frame Rate         50H2: 25fps (1920×1080, 1280×960, 1280×720)           60H2: 30fps (1920×1080, 1280×960, 1280×720)           Third stream         Independent with main stream, up to 50H2: 10fps (1280×960); 60H2: 10fps (1280×960)           Image Setting         Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable           BLC         Yes, zone optional           Defog         Support           Highlight Compensation         Support           Day / Night mode         Auto / Timing / Alarm trigger           Image Overlay         Support 128×128 size BMP with 24-bit depth image overlay, zone optional           ROI         Up to 4 fixed areas in each stream           Network         Network           Network Storage         Support Micro SD/SDHC/SDXC slot, up to 128GB, Edge recording, NAS (NFS,SMB/CIFS)           address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, social execter ch	_	Optional 2m or 8m
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Video Bit Rate 32 Kbps to 16 Mbps  Audio Compression G.711/G.722.1/G.726/MP2L2/PCM  Audio Bit Rate 64kbps (G.711/16kbps (G.722.1)/16kbps (G.726)/32 to 160kbps (MP2L2)  Image  Max. Resolution 1920×1080  Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)  Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)  Image Setting Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC Yes, zone optional  Defog Support  Highlight Compensation Day / Night mode Auto / Timing / Alarm trigger Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI Up to 4 fixed areas in each stream  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPDE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, BEOFILE G), ISAPI General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 13.5mm audio in (Mic in/Line in)/out interface	·	·
Audio Compression  G.711/G.722.1/G.726/MP2L2/PCM  Audio Bit Rate 64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)  Image  Max. Resolution  1920×1080  Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)  Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)  Image Setting Rotate mode(first channell), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC Yes, zone optional  Defog Support  Highlight Compensation Day / Night mode Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI Up to 4 fixed areas in each stream  Network  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPP0E, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAP1  General Reset, filickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface Communication 1 RJ45 10M/100M Ethernet interface Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface		
Audio Bit Rate 64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)  Image  Max. Resolution 1920×1080  Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)  Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)  Image Setting Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC Yes, zone optional  Defog Support  Highlight Compensation Support  Day / Night mode Auto / Timing / Alarm trigger  Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI Up to 4 fixed areas in each stream  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPV6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	Video Bit Rate	32 Kbps to 16 Mbps
Image           Max. Resolution         1920×1080           Frame Rate         50Hz: 25fps (1920×1080, 1280×960, 1280×720) (60Hz: 30fps (1920×1080, 1280×960, 1280×720)           Third stream         Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)           Image Setting         Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable           BLC         Yes, zone optional           Defog         Support           Highlight Compensation         Support           Day / Night mode         Auto / Timing / Alarm trigger           Image Overlay         Support 128×128 size BMP with 24-bit depth image overlay, zone optional           ROI         Up to 4 fixed areas in each stream           Network         Network           Network Storage         Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)           motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection           Protocols         TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMP, SMP, IGMP, 802.1X, QoS, IPv6, Bonjour           Standard         ONNIF(PROFILE S, PEOFILE G), ISAPI           General         Reset, flickerless, multi-stream, heartbeat, rotate, pas	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Max. Resolution       1920×1080         Frame Rate       50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)         Third stream       Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)         Image Setting       Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable         BLC       Yes, zone optional         Defog       Support         Highlight Compensation       Support         Day / Night mode       Auto / Timing / Alarm trigger         Image Overlay       Support 128×128 size BMP with 24-bit depth image overlay, zone optional         ROI       Up to 4 fixed areas in each stream         Network       Network         Network Storage       Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)         Alarm Trigger       motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection         Protocols       TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPDE, NTP, UPnP, SMTP, SMP, IGMP, 802.1X, QoS, IPv6, Bonjour         Standard       ONVIF(PROFILE S, PEOFILE G), ISAPI         General       Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP ad		64Kbps (G.711)/16Kbps (G.722.1)/16Kbps (G.726)/32 to 160Kbps (MP2L2)
Frame Rate 50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)  Third stream Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)  Image Setting Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC Yes, zone optional  Defog Support  Highlight Compensation Support  Day / Night mode Auto / Timing / Alarm trigger  Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPV6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RI45 10M/100M Ethernet interface  Audio Interface 13.5mm audio in (Mic in/Line in)/out interface		
Third stream  Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)  Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC  Yes, zone optional  Defog  Support  Highlight Compensation  Day / Night mode  Auto / Timing / Alarm trigger  Image Overlay  Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI  Up to 4 fixed areas in each stream  Network  Network Storage  Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  General  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface  1 3.5mm audio in (Mic in/Line in)/out interface	Max. Resolution	1920×1080
Image Setting  Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable  BLC  Yes, zone optional  Defog  Support  Highlight Compensation  Support  Day / Night mode  Auto / Timing / Alarm trigger  Image Overlay  Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI  Up to 4 fixed areas in each stream  Network  Network Storage  Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  General  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface  1 3.5mm audio in (Mic in/Line in)/out interface	Frame Rate	
BLC Yes, zone optional  Defog Support  Highlight Compensation Support  Day / Night mode Auto / Timing / Alarm trigger  Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI Up to 4 fixed areas in each stream  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	Third stream	Independent with main stream, up to 50Hz: 10fps (1280×960); 60Hz: 10fps (1280×960)
Defog Support Highlight Compensation Support Day / Night mode Auto / Timing / Alarm trigger Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional ROI Up to 4 fixed areas in each stream  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	Image Setting	Rotate mode(first channel), saturation, brightness, contrast, sharpness and gray scale adjustable
Highlight Compensation  Day / Night mode  Auto / Timing / Alarm trigger  Image Overlay  Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI  Up to 4 fixed areas in each stream  Network  Network Storage  Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  General  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface  1 3.5mm audio in (Mic in/Line in)/out interface	BLC	Yes, zone optional
Day / Night mode Image Overlay Image Overlay Support 128×128 size BMP with 24-bit depth image overlay, zone optional ROI Up to 4 fixed areas in each stream  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	Defog	Support
Image Overlay  Support 128×128 size BMP with 24-bit depth image overlay, zone optional  ROI  Up to 4 fixed areas in each stream  Network  Network Storage  Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  General  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface  1 3.5mm audio in (Mic in/Line in)/out interface	Highlight Compensation	Support
ROI Up to 4 fixed areas in each stream  Network  Network Storage Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	Day / Night mode	Auto / Timing / Alarm trigger
Network  Network Storage  Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  Protocols  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface  1 3.5mm audio in (Mic in/Line in)/out interface	Image Overlay	Support 128×128 size BMP with 24-bit depth image overlay, zone optional
Network Storage  Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)  motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface  1 3.5mm audio in (Mic in/Line in)/out interface	ROI	Up to 4 fixed areas in each stream
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Alarm Trigger  address conflicts, storage full, storage error, Intrusion detection, Line crossing detection, defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  General  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface  1 3.5mm audio in (Mic in/Line in)/out interface	Network Storage	Support Micro SD/SDHC/SDXC slot, up to 128GB,Edge recording, NAS (NFS,SMB/CIFS)
defocus detection, audio exception detection, scene change detection  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface		motion detection, face detection, dynamic analysis, tampering alarm, network disconnect, IP
Protocols  TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard  ONVIF(PROFILE S, PEOFILE G), ISAPI  General  Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication  1 RJ45 10M/100M Ethernet interface  Audio Interface  1 3.5mm audio in (Mic in/Line in)/out interface	Alarm Trigger	address conflicts, storage full, storage error, Intrusion detection, Line crossing detection,
SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour  Standard ONVIF(PROFILE S, PEOFILE G), ISAPI  General Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface		defocus detection, audio exception detection, scene change detection
Reset, flickerless, multi-stream, heartbeat, rotate, password protection, video masking, watermark, anonymous login, IP address filtering  Interface  Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	Protocols	
Interface Communication 1 RJ45 10M/100M Ethernet interface Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	Standard	ONVIF(PROFILE S, PEOFILE G), ISAPI
Communication 1 RJ45 10M/100M Ethernet interface  Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	General	
Audio Interface 1 3.5mm audio in (Mic in/Line in)/out interface	Interface	
	Communication	1 RJ45 10M/100M Ethernet interface
Alarm Input & Output 1-ch alarm input and 1-ch alarm output	Audio Interface	1 3.5mm audio in (Mic in/Line in)/out interface
	Alarm Input & Output	1-ch alarm input and 1-ch alarm output



General	
Working Environment	Temperature :-30 °C to 60 °C (-22 °F to 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 10%/PoE (802.3af) (Class 3)
Power Consumption	Max. 6.5 W
Dimensions	78×105×32 mm (3.07"×4.13"×1.26")
Shipping Weight	2m cable: <570g 8m cable: <680g
Net Weight	Main body: 210g Cylindrical lens: 113g (2m), 233g (8m) Block-shaped lens: 99g (2m), 220g (8m) Fixed focal lens: 129g (2m), 242g (8m) Ball-shaped lens: 120g (2m), 268.4g (8m) Package + accessories: 224g
Order Models	Different accessories included for each sensor unit: DS-2CD6424FWD-10: camera body with one cylindrical lens DS-2CD6424FWD-20: camera body with one block-shaped lens DS-2CD6424FWD-30: camera body with one fixed focal lens DS-2CD6424FWD-40/E1: camera body with one ball-shaped lens and one turret bracket DS-2CD6424FWD-40/E2: camera body with one ball-shaped lens and one in-ceiling bracket DS-2CD6424FWD-L10: one cylindrical lens with connecting cable DS-2CD6424FWD-L20: one block-shaped lens with connecting cable DS-2CD6424FWD-L30: one fixed focal lens with connecting cable DS-2CD6424FWD-L40/E1: one ball-shaped lens and one turret bracket DS-2CD6424FWD-L40/E2: one ball-shaped lens and one in-ceiling bracket

### **Dimension**



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