

DS-2CD754FWD-E(I)(Z) 3.0MP WDR Indoor Dome Camera





















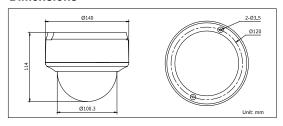






- 3.0 mega-pixel (2048 x 1536) high resolution
- 120dB wide dynamic range
- Full HD1080p real-time video
- 3D digital noise reduction
- Super low light
- Motorized VF lens (-Z)
- IR LEDs optional (-I: up to 20m)
- · Vandal-proof housing

Dimensions



Accessories





Specifications ____

Min. illumination	Specifications		
Image sensor		DS-2CD754FWD-E(I)(Z)	
Min. illumination	Camera		
Min. illumination 0.17 km x 9F.16, AGC ON 0 km with IR	Image sensor	1/3" progressive scan CMOS	
2.7 - 9mm @ F1.6, angle of view: 105° - 32.1°	Min. illumination	0.17 lux @F1.6, AGC ON	
Lens mount	Shutter time	1/25s ~ 1/100,000s	
Auto iris	Lens		
Angle adjustment Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotation: 0° ~ 360° Day & night Electronic (-l: IR cut filter with auto switch) Wide dynamic range 120 dB Compression standard Video compression H.264 / MPEG4 / MUPEG Bit rate 32 Kbps ~ 16 Mbps Audic compression G.711 / G.726 Dual stream Yes Image Max. image resolution 2048 x 1536 Frame rate 50Hz: 12.5fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1600 x 1200) 60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1600 x 1200) 60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1600 x 1200) Image settings Saturation, Brightness, Contrast adjustable through client software or web browser Network Network storage NAS (ISCSI optional) Alarm trigger Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPGE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPV6 optional) Security User authentication, watermark System compatibility ONVIF, PSIA, CGI Interface Audio input 1-ch 3.5 mm audio interface, MIC IN/LINE IN Audio output 1-ch 3.5 mm audio interface (line level, 600 Ω) Communication interface 1 RJ45 10M / 100M ethernet interface, 1 RS-485 interface Alarm input 2 Alarm output 2 Video output 1 VP-p composite output (75Ω / RCA) On-board storage Built-in SD/SDHC slot, up to 32 GB Reset button Yes General Operating conditions -10°C ~ 60°C (14°F ~ 140°F) Humidity 90% or less (non-condensing) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; ENSD102, up to IK10	Lens mount	Ф14	
Day & night	Auto iris	DC drive	
Wide dynamic range 120 dB Compression standard Video compression H.264 / MPEG4 / MJPEG Bit rate 32 Kbps ~ 16 Mbps Audio compression G.711 / G.726 Dual stream Yes Image Max. image resolution Frame rate 50Hz: 12.5(ps (2048 x 1536), 25(ps (1920 x 1080), 25(ps (1600 x 1200)) 60Hz: 15(ps (2048 x 1536), 30(ps (1920 x 1080), 30(ps (1600 x 1200)) Image settings Saturation, Brightness, Contrast adjustable through client software or web browser Network NAS (ISCSI optional) Alarm trigger Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception Protocols TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Cos (SIP, SRTP, IPV6 optional) Security User authentication, watermark System compatibility ONVIF, PSIA, CGI Interface Audio input 1-ch 3.5 mm audio interface (line level, 600 Ω) Communication interface 1 RJ45 10M / 100M ethemet interface, 1 RS-485 interface Alarm output 2 Video output 1 Vp-p composite output (75Ω / RCA) On-board storage </td <td>Angle adjustment</td> <td>Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotation: 0° ~ 360°</td>	Angle adjustment	Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotation: 0° ~ 360°	
Compression standard Video compression H.264 / MPEG4 / MJPEG Bit rate 32 Kbps - 16 Mbps Audio compression G.711 / G.726 Dual stream Yes Image Yes Image Max. image resolution 2048 x 1536 Frame rate 50Hz: 12.5(ps (2048 x 1536), 30(ps (1920 x 1080), 30(ps (1600 x 1200)) Image settings Saturation, Brightness, Contrast adjustable through client software or web browser Network NAS (ISCSI optional) Alarm trigger Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception TCP/IP, HTTP, DHCP, DNS, DNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPV6 optional) Security User authentication, watermark System compatibility ONVIF, PSIA, CGI Interface Audio input 1-ch 3.5 mm audio interface, MIC IN/LINE IN Audio output 1-ch 3.5 mm audio interface, (line level, 600 tt) Communication interface 1 RJ45 10M / 100M ethernet interface, 1 RS-485 interface Alarm output 2 Video output 1 Vp-p composite output (75Ω / RCA) On-board storage Built-in SD/SDHC slot, up to	Day & night	Electronic (-I: IR cut filter with auto switch)	
Video compression	Wide dynamic range	120 dB	
Bit rate 32 Kbps ~ 16 Mbps	Compression standard		
Audio compression Q.711 / G.726 Dual stream Yes Image Max. image resolution 2048 x 1536 50Hz: 12.5fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1600 x 1200) 60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1600 x 1200) Image settings Saturation, Brightness, Contrast adjustable through client software or web browser Network Network Network storage NAS (ISCSI optional) Alarm trigger Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPv6 optional) Security User authentication, watermark System compatibility ONVIF, PSIA, CGI Interface Audio input 1-ch 3.5 mm audio interface, MIC IN/LINE IN Audio output 1-ch 3.5 mm audio interface (line level, 600 Ω) Communication interface 1 RJ45 10M / 100M ethernet interface, 1 RS-485 interface Alarm input 2 Alarm output 2 Video output 1 Vp-p composite output (75Ω / RCA) On-board storage Built-in SD/SDHC slot, up to 32 GB Reset button Yes General Operating conditions -10°C ~ 60°C (14°F ~ 140°F) Humidity 90% or less (non-condensing) Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Video compression	H.264 / MPEG4 / MJPEG	
Dual stream	Bit rate	32 Kbps ~ 16 Mbps	
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Network Network storage NAS (iSCSI optional) Alarm trigger Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception Protocols TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPv6 optional) Security User authentication, watermark System compatibility ONVIF, PSIA, CGI Interface Audio input Audio input 1-ch 3.5 mm audio interface, MIC IN/LINE IN Audio output 1-ch 3.5 mm audio interface (line level, 600 Ω) Communication interface 1 RJ45 10M / 100M ethernet interface, 1 RS-485 interface Alarm input 2 Video output 1 Vp-p composite output (75Ω / RCA) On-board storage Built-in SD/SDHC slot, up to 32 GB Reset button Yes General Operating conditions -10°C ~ 60°C (14°F ~ 140°F) Humidity 90% or less (non-condensing) Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; EN50102, up to IKI0	Frame rate		
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Security User authentication, watermark	Alarm trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception	
System compatibility ONVIF, PSIA, CGI Interface Audio input 1-ch 3.5 mm audio interface, MIC IN/LINE IN Audio output 1-ch 3.5 mm audio interface (line level, 600 \(\Omega\$) Communication interface 1 RJ45 10M / 100M ethernet interface, 1 RS-485 interface Alarm input 2 Alarm output 2 Video output 1 Vp-p composite output (75\(\Omega\$ / RCA) On-board storage Built-in SD/SDHC slot, up to 32 GB Reset button Yes General Operating conditions -10°C ~ 60°C (14°F ~ 140°F) Humidity 90% or less (non-condensing) Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Protocols		
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Audio output 1-ch 3.5 mm audio interface (line level, 600Ω) Communication interface 1 RJ45 10M / 100M ethernet interface, 1 RS-485 interface Alarm input 2 Alarm output 2 Video output 1 Vp-p composite output $(75\Omega / RCA)$ On-board storage Built-in SD/SDHC slot, up to 32 GB Reset button Yes General Operating conditions $-10^{\circ}\text{C} \sim 60^{\circ}\text{C} (14^{\circ}\text{F} \sim 140^{\circ}\text{F}) \text{ Humidity } 90\% \text{ or less (non-condensing)}$ Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Interface		
Communication interface 1 RJ45 10M / 100M ethernet interface, 1 RS-485 interface Alarm input 2 Alarm output 2 Video output 1 Vp-p composite output $(75\Omega / RCA)$ On-board storage Built-in SD/SDHC slot, up to 32 GB Reset button Yes General Operating conditions -10°C ~ 60°C (14°F ~ 140°F) Humidity 90% or less (non-condensing) Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Audio input	1-ch 3.5 mm audio interface, MIC IN/LINE IN	
Alarm input 2 Alarm output 2 Video output 1 Vp-p composite output (75Ω / RCA) On-board storage Built-in SD/SDHC slot, up to 32 GB Reset button Yes General -10°C ~ 60°C (14°F ~ 140°F) Humidity 90% or less (non-condensing) Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Audio output	1-ch 3.5 mm audio interface (line level, 600 Ω)	
Alarm output 2 Video output 1 Vp-p composite output $(75\Omega / RCA)$ On-board storage Built-in SD/SDHC slot, up to 32 GB Reset button Yes General Operating conditions $-10^{\circ}\text{C} \sim 60^{\circ}\text{C} (14^{\circ}\text{F} \sim 140^{\circ}\text{F})$ Humidity 90% or less (non-condensing) Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Communication interface	1 RJ45 10M / 100M ethernet interface, 1 RS-485 interface	
Video output $1 \text{ Vp-p composite output } (75\Omega / \text{ RCA})$ On-board storage $\text{Built-in SD/SDHC slot, up to } 32 \text{ GB}$ Reset button Yes General Operating conditions $-10^{\circ}\text{C} \sim 60^{\circ}\text{C } (14^{\circ}\text{F} \sim 140^{\circ}\text{F}) \text{Humidity } 90\% \text{ or less (non-condensing)}$ Power supply $12 \text{ VDC } \pm 10\%, \text{ PoE } (802.3\text{af})$ Power consumption $5.5 \text{ W} \sim 10.5 \text{ W } (\text{IR LEDs: } +2\text{W, motorized VF lens: } +3\text{W})$ Impact Protection $\text{IEC60068-} 275\text{Eh, } 50\text{J; EN50102, up to IK10}$	Alarm input	2	
On-board storage Built-in SD/SDHC slot, up to 32 GB Yes General Operating conditions -10°C ~ 60°C (14°F ~ 140°F) Humidity 90% or less (non-condensing) Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Alarm output	2	
Reset button Yes General -10°C ~ 60°C (14°F ~ 140°F) Humidity 90% or less (non-condensing) Power supply 12 VDC ± 10%, PoE (802.3af) Power consumption 5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W) Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Video output	1 Vp-p composite output (75 Ω / RCA)	
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Impact Protection IEC60068-275Eh, 50J; EN50102, up to IK10	Power supply	12 VDC ± 10%, PoE (802.3af)	
	Power consumption	5.5 W ~ 10.5 W (IR LEDs: +2W, motorized VF lens: +3W)	
IR Range -I: approx 10 ~ 20 meters	Impact Protection	IEC60068-275Eh, 50J; EN50102, up to IK10	
	IR Range	-l: approx 10 ~ 20 meters	
Dimensions $\Phi 140 \times 114 \text{ mm } (\Phi 5.51'' \times 4.49'')$	Dimensions	Φ140 × 114 mm (Φ5.51" × 4.49")	
Weight 1400 g (3.09 lbs)	Weight	1400 g (3.09 lbs)	

Available models

DS-2CD754FWD-E, DS-2CD754FWD-EI, DS-2CD754FWD-EZ, DS-2CD754FWD-EIZ

- * -I: IR LEDs, up to 20m
- * -Z: motorized VF lens