

DS-2CD2141G1-IDWx

4 MP Outdoor IR Fixed Network Wi-Fi Dome Camera



Hikvision's DS-2CD2141G1-IDWx 4 MP IR Fixed Network Wi-Fi Dome Camera supports the fastest built-in Wi-Fi technology for wireless video management.

The camera is equipped with a 2.8 mm lens. An IR range of up to 100 ft (30 m) for optimizes viewing in low-light conditions.

Additionally, a built-in microphone facilitates audio functionality.

Available models:

DS-2CD2141G1-IDW1

DS-2CD2141G1-IDW2

- 1/3" (4 MP) Progressive Scan CMOS
- 0.028 Lux @ (f/2.0, AFC on)
- Up to 100 ft (30 m) IR Range
- 2.8 mm Fixed Lens
- 120dB WDR, 3D DNR
- H.265+, H.265, H.264+, H.264
- MicroSD Card Slot Supports 128 GB
- Built-In Wi-Fi Module
- Built-In Microphone
- IP66 Protection
- 12 VDC



Specifications

DS-2CD214161-IDW1		DS-2CD214161-IDW2	
Camera			
Image Sensor	1/3" progressive scan CMOS		
Minimum Illumination	0.028 lux @ (f/2.0, AGC on) , 0 lux with IR		
Shutter Speed	1/3 s to 1/100,000 s		
Slow Shutter	Yes		
Auto-Iris	No		
Day/Night	IR cut filter		
Digital Noise Reduction	3D DNR		
WDR	120 dB		
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°		
Lens			
Focal Length	2.8 mm		
Aperture	f/2.0		
FOV	2.8 mm, horizontal FOV: 100°, vertical FOV: 55°, diagonal FOV: 117°		
Lens Mount	M12		
IR			
IR Range	Up to 100 ft (30 m)		
Wavelength	850 nm		
Compression Standard			
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, sub-stream: H.265+/H.265/H.264+/H.264/MJPEG		
H.264 Type	Baseline profile/main profile/high profile		
H.264+	Main stream supported		
H.265 Type	Supported		
H.265+	Main stream supported		
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM		
Audio Bit Rate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 192 kbps (MP2L2)		
Video Bit Rate	32 kbps to 8 mbps		
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz		
Environment Noise Filtering	Yes		
Smart Features			
Region of Interest	Supports one fixed region for main stream ans sub-stream		
Image			
Maximum Resolution	2560 x 1440		
Main Stream	20 fps (2560 × 1440), 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)		
Sub Stream	30 fps (640 × 480, 640 × 360, 320 × 240)		
Image Enhancement	BLC/3D DNR		
Image Settings	Saturation, brightness, contrast and sharpness are adjustable via client software and web browser		
Day/Night Switch	Auto/scheduled/day/night		
Network			
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD error, HDD full		
Network Storage	Support built-in microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR		
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6, UDP, Bonjour		
General Function	One-key reset, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter		
API	ONVIF(Profile S,Profile G), ISAPI		
Simultaneous Live View	Up to 6 channels		
User/Host	Up to 32 users, three levels: Administrator, Operator and User		
Client	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500		
Web Browser	IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+		
Interface			
Communication Interface	1-port RJ45 10M/100M Ethernet port		
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB		
Audio Input and Output	1 built-in microphone, mono sound		
Video Output	No		
Alarm Input and Output	No		
Reset	Yes		
Wi-Fi			
Wireless Standards	IEEE802.11b, 802.11g, 802.11n		
Frequency Range	2.412 GHz to 2.472 GHz		
Channel Bandwidth	20/40 MHz supported		
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM		
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS		
Transfer Rates	11b: 54 mbps, 11n: up to 150 mbps		
Wireless Range ¹	165 ft (50 m)	490 ft (150 m)	
Power Consumption	<20 dBm	<30 dBm	
General			
Operating Conditions	-22° F to 140° F (-30° C to 60° C); humidity: 95% or less (non-condensing)		
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial plug power		
Power Consumption and Current	12 VDC, 0.5 A, maximum: 6 W		12 VDC, 0.7 A, maximum: 7.5 W
Protection Level	IP66		
Material	Plastic		
Protection	IP66		
Dimensions	Ø 4.8" × 3.6" (Ø 121.4 mm × 92.2 mm)		
Weight	1.0 lbs (0.467 kg)		

¹Performance variations are based on actual environmental conditions

Dimensions

