

DS-2CD2041G1-IDW1 4 MP IR Fixed Network Bullet Camera



Key Features

- 1/3" Progressive Scan CMOS
- 2560 × 1440 @20fps
- 2.8/4 mm fixed lens
- Wi-Fi Connection
- H.265+, H.265, H.264+, H.264
- Color: 0.01 Lux @(F1.2; AGC ON), 0.028 Lux @(F2.0; AGC ON)
- 3D Digital Noise Reduction
- Audio I/O: 1 built-in mic, mono sound
- IP66



Specifications

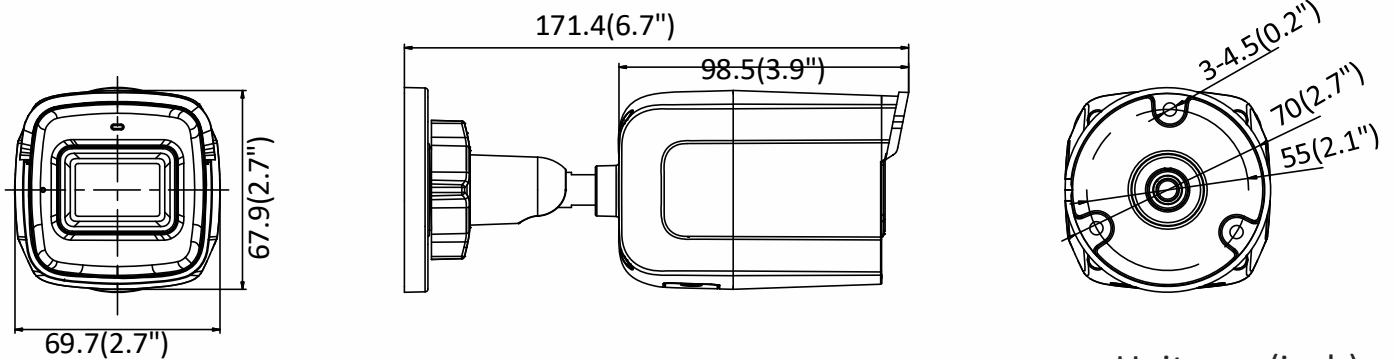
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2; AGC ON), 0.028 Lux @(F2.0; AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
Wide Dynamic Range	DWDR
Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Focal Length	2.8/4 mm
Aperture	F2.0
Focus	No
FOV	2.8 mm, horizontal FOV: 100°, vertical FOV: 55°, diagonal FOV: 117° 4 mm, horizontal field of view: 75°, vertical FOV: 41°, diagonal FOV: 88°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
Video Bit Rate	32 Kbps to 8Mbps
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes
Smart Feature-set	
Region of Interest	Support 1 fixed region for main stream and sub-stream
Image	
Max. Resolution	2560 × 1440
Main Stream	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (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
Firmware Version	V5.5.60
API	ONVIF(PROFILE S,PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1 Built-in mic, mono sound
Video Out	No
Alarm I/O	No
Reset Button	Yes
Wi-Fi	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.412 GHz - 2.472 GHz
Channel Bandwidth	20/40MHz
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/g: 54Mbps, 11n: up to 150Mbps
Wireless Range	Up to 50 m (The performance varies based on actual environment)
Power Consumption	<20dBm
General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial plug power
Power Consumption and Current	12 VDC, 0.5 A, Max: 6W
Protection Level	IP66
Material	Front cover: plastic, camera body: metal
Dimensions	Camera: 69.7 mm × 67.9 mm × 171.4 mm (2.7" × 2.7" × 6.7") With package: 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Weight	Camera: 372g (0.8lb) With package: 659g(1.5lb)

Available Model:

DS-2CD2041G1-IDW1(2.8/4 mm)

Dimensions



Unit: mm(inch)

Accessory



DS-1280ZJ-S
Junction Box

Distributed by



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DS-7100NI-K1/W/M Series Wi-Fi NVR



Features and Functions

Video Input and Transmission

- Up to 4/8 IP cameras (max. incoming bandwidth: 50 Mbps)
- Live view of the connected camera at up to 4 MP resolution

Compression and Recording

- H.264, H.265, H.264+, and H.265+ compression.
- Full channel recording at up to 4 MP resolution

Video Output

- HDMI/VGA output with up to 1920 × 1080 resolution

Storage and Playback

- 1 SATA interface for HDD with up to 6 TB capacity
- Up to 4/8-ch synchronous playback
- Smart search for efficient playback

Smart Function

- Supports line crossing and intrusion VCA (Video Content Analytics) events for IP cameras

Network & Ethernet Access

- Hik-Connect for easy network management
- One 100M Ethernet network interface

Wi-Fi Features

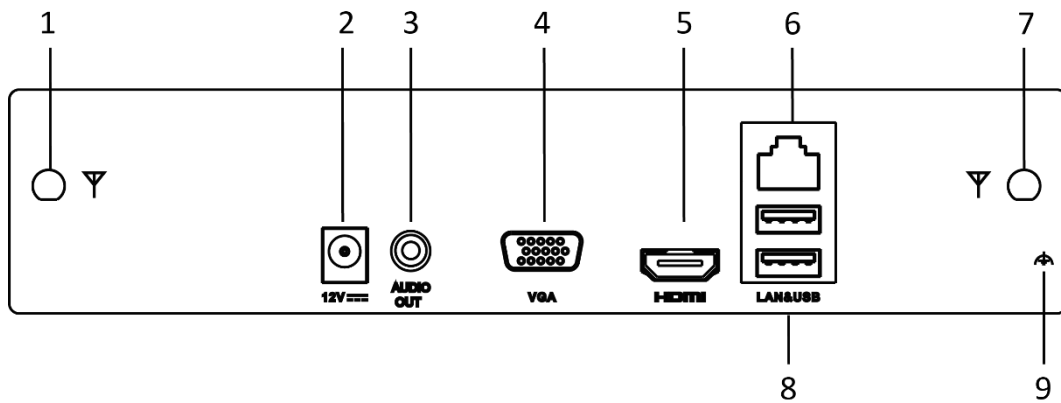
- Provides Wi-Fi function.
- Up to 16 terminals, including mobile phone and laptop, can access NVR via Wi-Fi
- Dual external antenna design offers more powerful and stable signal.



Specifications

Model		DS-7104NI-K1/W/M	DS-7108NI-K1/W/M
Video/Audio input	IP video input	4-ch	8-ch
	Incoming/outgoing bandwidth	50/40 Mbps	
Video/Audio output	HDMI/VGA output	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Audio output	1-ch, RCA (linear, 1 KΩ)	
Decoding	Recording resolution	4 M/3 M/1080p/1.3 M/720p	
	Synchronous playback	4-ch	8-ch
	Capacity	2-ch@1080p / 1-ch@4 MP	
Hard disk	SATA	1 SATA interface	
	Capacity	Up to 6 TB capacity for each disk	
Wireless parameters	Frequency band	2.4 GHz	
	Antenna structure	2 × 2MIMO	
	Transmission speed	144 Mbps	
	Transmission standard	IEEE 802.11b/g/n	
External interface	Network interface	1, RJ45 10/100M Ethernet interface	
	USB interface	Rear panel: 2 × USB 2.0	
General	Power supply	12 VDC	
	Consumption (without HDDs)	≤ 12 W	
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)	
	Working humidity	10% to 90%	
	Dimensions (W × D × H)	260 × 246 × 48 mm (10.2" × 9.7" × 1.9")	
	Weight (without HDDs)	≤ 1 kg (2.2 lb)	

Physical Interfaces



No.	Name	No.	Name
1	Wi-Fi antenna	6	LAN
2	Power supply	7	Wi-Fi antenna
3	Audio out	8	USB
4	VGA interface	9	Ground
5	HDMI interface		

Available Models

DS-7104NI-KI/W/M,
DS-7108NI-KI/W/M

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