

NK44W0H-1T(WD) Wi-Fi Kit

Key Feature

- H.265/H.264 video compression
- Automatic Wi-Fi connection
- 4 × 4 MP IR fixed network bullet camera
- 1 × NVR, full channel recording at up to 4 MP resolution



Camera

- 1/3" Progressive Scan CMOS
- 2560 × 1440 @20 fps
- 2.8 mm fixed lens
- 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

NVR

- Up to 4-ch network camera inputs (up to 4 MP)
- 2-ch@1080p/1-ch@4 MP decoding capability
- Dual external antenna design for Wi-Fi
- HDMI/VGA output with up to 1920 × 1080 resolution
- Hik-Connect for easy network management



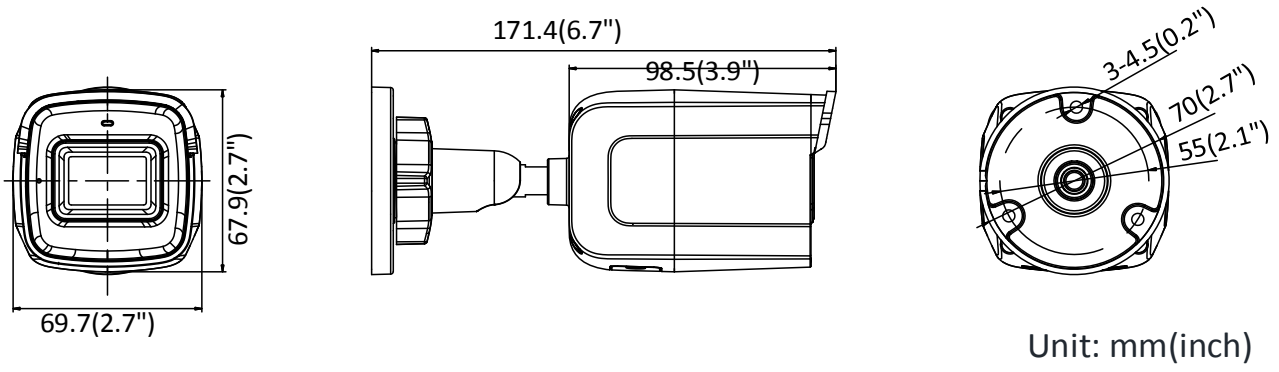
Specification

Kit Model	NK44W0H-1T(WD)
Camera Model	4 × DS-2CD2041G1-IDW1
NVR Model	DS-7104NI-K1/W/M
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
Day &Night	IR cut filter
WDR	DWDR
Angle Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Protection Level	IP66
Material	Front cover: plastic, camera body: metal
Lens	
Focal Length	2.8 mm
Aperture	F2.0
Focus	Fixed
FOV	Horizontal FOV: 100°, vertical FOV: 55°, diagonal FOV: 117°
Lens Mount	M12
IR	
IR Range	Up to 30 m
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	64 Kbps(G.711)/16 Kbps(G.722.1)/16 Kbps(G.726)/32-192 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
Image	
Max. Resolution	2560 × 1440
Main Stream	50 Hz: 20 fps (2560 × 1440), 25 fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440), 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Image Setting	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

Protocol	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
Client	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio I/O	1 Built-in mic, mono sound
Video Out	No
Alarm I/O	No
Reset Button	Yes
General	
Power Supply	12 VDC \pm 25%, 0.5 A, Φ 5.5 mm coaxial plug power
Consumption	\leq 6 W
Working Temperature	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F)
Working Humidity	95% or less (non-condensing)
Dimension (W \times D \times H)	69.7 mm \times 67.9 mm \times 171.4 mm (2.7" \times 2.7" \times 6.7")
Weight	372g (0.8 lb)
NVR	
Video and Audio	
IP Video Input	4-ch Up to 4 MP resolution
Incoming/Outgoing Bandwidth	50 Mbps/40 Mbps
HDMI/VGA Output	1-ch, resolution: 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz
Audio Output	1-ch, RCA (linear, 1 K Ω)
Decoding	
Video Resolution	4 MP/3 MP/1080p/1.3 MP/720p
Synchronous Playback	4-ch
Capability	2-ch@1080p / 1-ch@4 MP
Network	
Network Interface	1, RJ45 10/100M Ethernet interface
Network Protocol	IPv6, UPnP™, NTP, SADP, DHCP
Remote Connection	16
Wi-Fi	
Frequency Band	2.4 GHz
Antenna Structure	2 \times 2MIMO
Transmission Speed	144 Mbps
Transmission Standard	IEEE 802.11b/g/n
Auxiliary interface	
SATA	1 SATA interface
Capacity	Up to 6 TB capacity for each disk
USB Interface	Rear panel: 2 \times USB 2.0

Alarm In/Out	No
General	
Power Supply	12 VDC
Consumption (without HDD)	≤ 12 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	260 mm × 246 mm × 48 mm (10.2" × 9.7" × 1.9")
Weight (without hard disk)	≤ 1 kg (2.2 lb)
Kit	
Accessories	Power: 4 × IPC power cables, 1 × NVR power cable Network cable: RJ45, Cat5e UTP, 1 m. Connects NVR and Switch HDMI cable: 1 × HDMI cable, 2 m, black
Hard Drive	Pre-installed 1 TB HDD
Certification	FCC, CE
Weight (with package)	≤ 7 kg (15.4 lb)

Camera Dimension

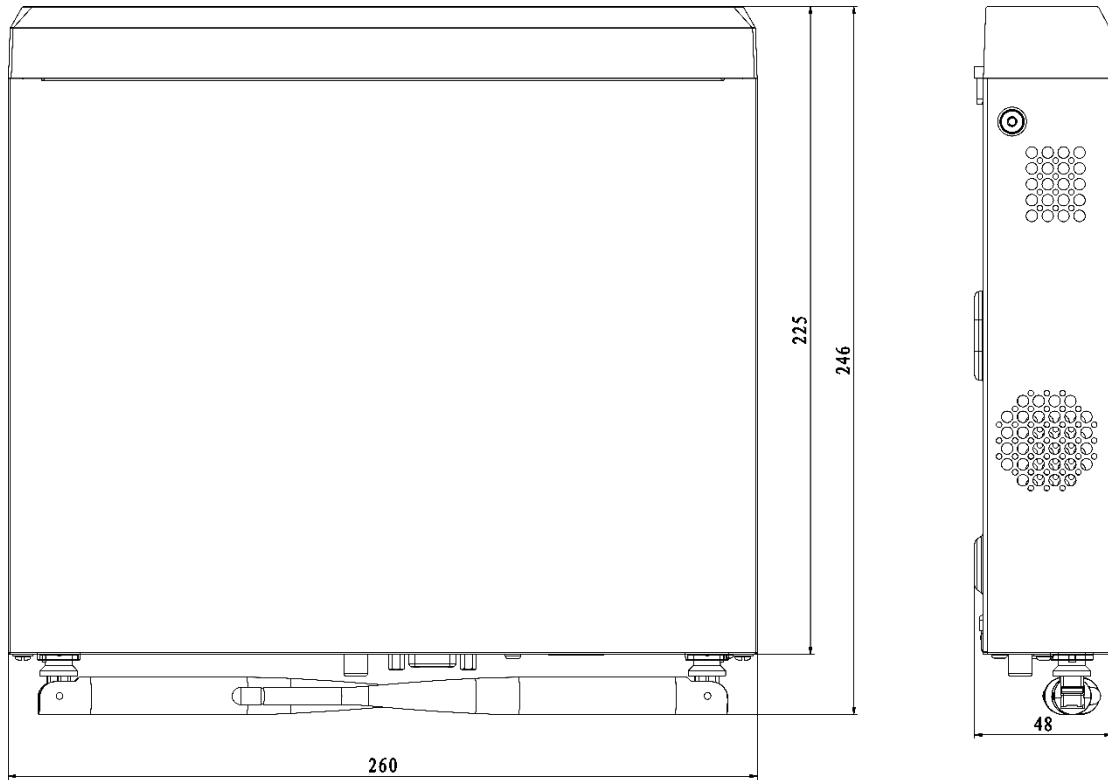


Camera Accessory



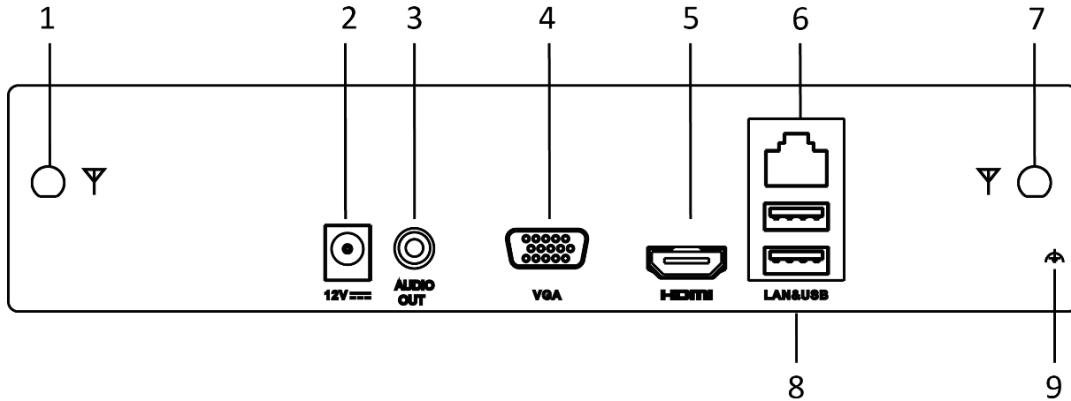
DS-1280ZJ-XS
Junction Box

NVR Dimension



Unit: mm

Physical Interface



No.	Description	No.	Description
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 Model

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