

## NK44W1H-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 x 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



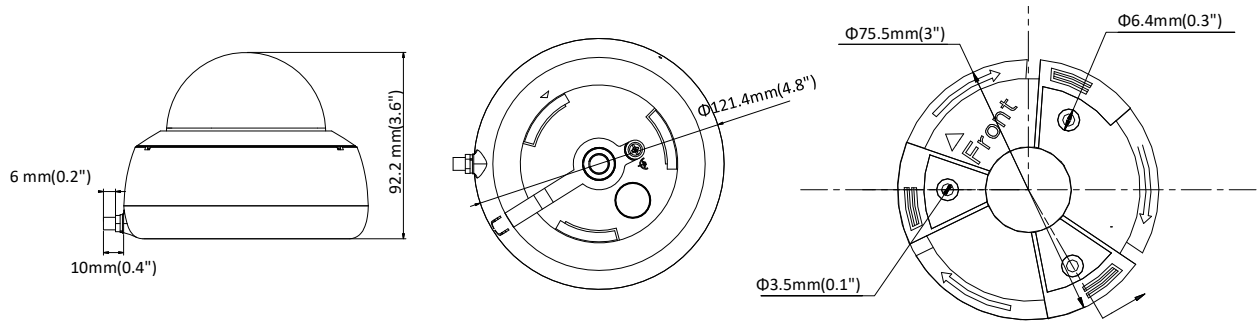
## Specifications

<b>Kit Model</b>	NK44W1H-1T(WD)
<b>Camera Model</b>	4 × DS-2CD2141G1-IDW1
<b>NVR Model</b>	DS-7104NI-K1/W/M
<b>Camera</b>	
<b>Image Sensor</b>	1/3" Progressive Scan CMOS
<b>Min. Illumination</b>	Color: 0.01 Lux @(F1.2; AGC ON), 0.028 Lux @(F2.0; AGC ON)
<b>Shutter Speed</b>	1/3 s to 1/100,000 s
<b>Day &amp; Night</b>	IR cut filter
<b>WDR</b>	DWDR
<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 75°
<b>Protection Level</b>	IP66
<b>Material</b>	Plastic
<b>Lens</b>	
<b>Focal Length</b>	2.8 mm
<b>Aperture</b>	F2.0
<b>Focus</b>	Fixed
<b>FOV</b>	Horizontal FOV: 100°, vertical FOV: 55°, diagonal FOV: 117°
<b>Lens Mount</b>	M12
<b>IR</b>	
<b>IR Range</b>	Up to 30 m
<b>Compression Standard</b>	
<b>Video Compression</b>	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
<b>H.264 Type</b>	Baseline Profile/Main Profile/High Profile
<b>H.264+</b>	Main stream supports
<b>H.265 Type</b>	Main Profile
<b>H.265+</b>	Main stream supports
<b>Audio Compression</b>	G.711/G.722.1/G.726/MP2L2/PCM
<b>Audio Bit Rate</b>	64 Kbps(G.711)/16 Kbps(G.722.1)/16 Kbps(G.726)/32-192 Kbps(MP2L2)
<b>Video Bit Rate</b>	32 Kbps to 8 Mbps
<b>Audio Sampling Rate</b>	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
<b>Environment Noise Filtering</b>	Yes
<b>Image</b>	
<b>Max. Resolution</b>	2560 × 1440
<b>Main Stream</b>	50 Hz: 20 fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
<b>Sub-stream</b>	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
<b>Image Setting</b>	Saturation, brightness, contrast and sharpness are adjustable via client software and web browser
<b>Day/Night Switch</b>	Auto/Scheduled/Day/Night
<b>Network</b>	
<b>Alarm Trigger</b>	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD error, HDD full

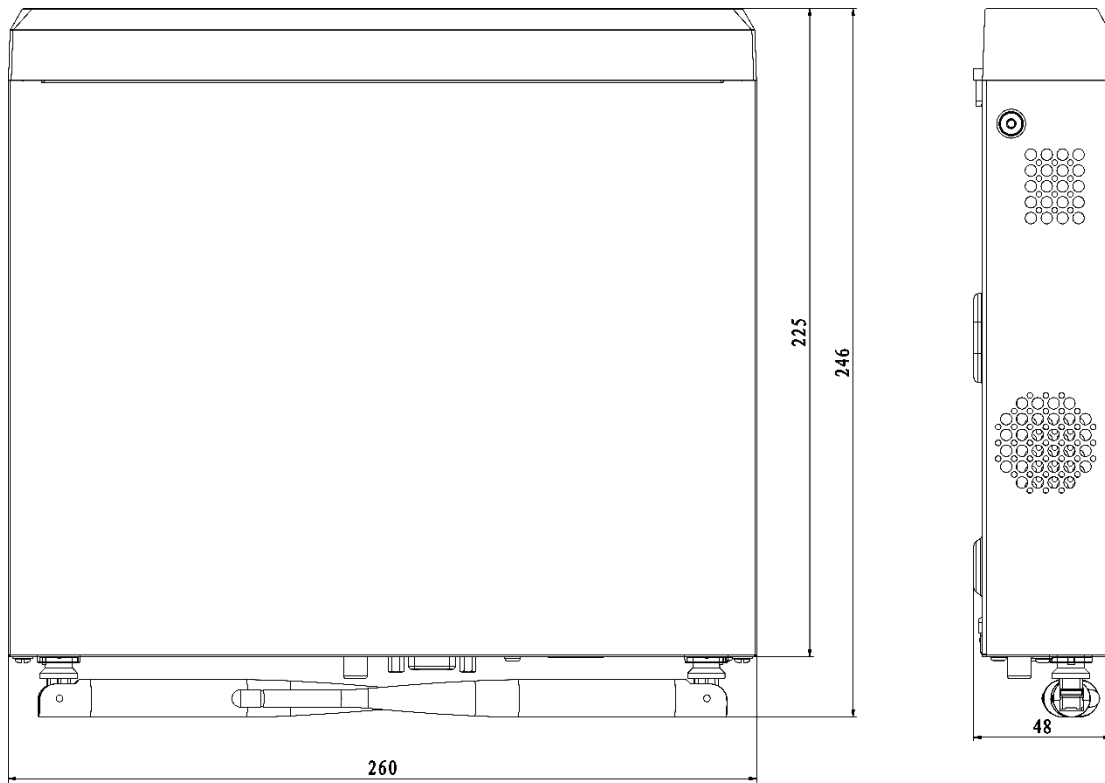
<b>Protocol</b>	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6, UDP, Bonjour
<b>General Function</b>	One-key reset, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
<b>Client</b>	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
<b>Interface</b>	
<b>Communication Interface</b>	1 RJ45 10M/100M self-adaptive Ethernet port
<b>On-board Storage</b>	Built-in microSD/SDHC/SDXC slot, up to 128 GB
<b>Audio I/O</b>	1 Built-in mic, mono sound
<b>Video Out</b>	No
<b>Alarm I/O</b>	No
<b>Reset Button</b>	Yes
<b>General</b>	
<b>Power Supply</b>	12 VDC $\pm$ 25%, 0.5 A, $\Phi$ 5.5 mm coaxial plug power
<b>Consumption</b>	$\leq$ 6 W
<b>Working Temperature</b>	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F)
<b>Working Humidity</b>	95% or less (non-condensing)
<b>Dimension (W <math>\times</math> D <math>\times</math> H)</b>	$\Phi$ 121.4 mm $\times$ 92.2 mm ( $\Phi$ 4.8" $\times$ 3.6")
<b>Weight</b>	467g (1 lb)
<b>NVR</b>	
<b>Video and Audio</b>	
<b>IP Video Input</b>	4-ch
	Up to 4 MP resolution
<b>Incoming/Outgoing Bandwidth</b>	50 Mbps/40 Mbps
<b>HDMI/VGA Output</b>	1-ch, resolution: 1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz
<b>Audio Output</b>	1-ch, RCA (linear, 1 K $\Omega$ )
<b>Decoding</b>	
<b>Video Resolution</b>	4 MP/3 MP/1080p/1.3 MP/720p
<b>Synchronous Playback</b>	4-ch
<b>Capability</b>	2-ch@1080p / 1-ch@4 MP
<b>Network</b>	
<b>Network Interface</b>	1, RJ45 10/100M Ethernet interface
<b>Network Protocol</b>	IPv6, UPnP™, NTP, SADP, DHCP
<b>Remote Connection</b>	16
<b>Wi-Fi</b>	
<b>Frequency Band</b>	2.4 GHz
<b>Antenna Structure</b>	2 $\times$ 2MIMO
<b>Transmission Speed</b>	144 Mbps
<b>Transmission Standard</b>	IEEE 802.11b/g/n
<b>Auxiliary interface</b>	
<b>SATA</b>	1 SATA interface
<b>Capacity</b>	Up to 6 TB capacity for each disk
<b>USB Interface</b>	Rear panel: 2 $\times$ USB 2.0

<b>Alarm In/Out</b>	No
<b>General</b>	
<b>Power Supply</b>	12 VDC
<b>Consumption (without HDD)</b>	≤ 12 W
<b>Working Temperature</b>	-10 °C to 55 °C (14 °F to 131 °F)
<b>Working Humidity</b>	10% to 90%
<b>Dimension (W × D × H)</b>	260 mm × 246 mm × 48 mm (10.2" × 9.7" × 1.9")
<b>Weight (without hard disk)</b>	≤ 1 kg (2.2 lb)
<b>Kit</b>	
<b>Accessories</b>	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable
<b>Hard Drive</b>	Pre-installed 1 TB HDD
<b>Certification</b>	FCC, CE
<b>Weight (with package)</b>	≤ 7 kg (15.4 lb)

## Camera Dimension

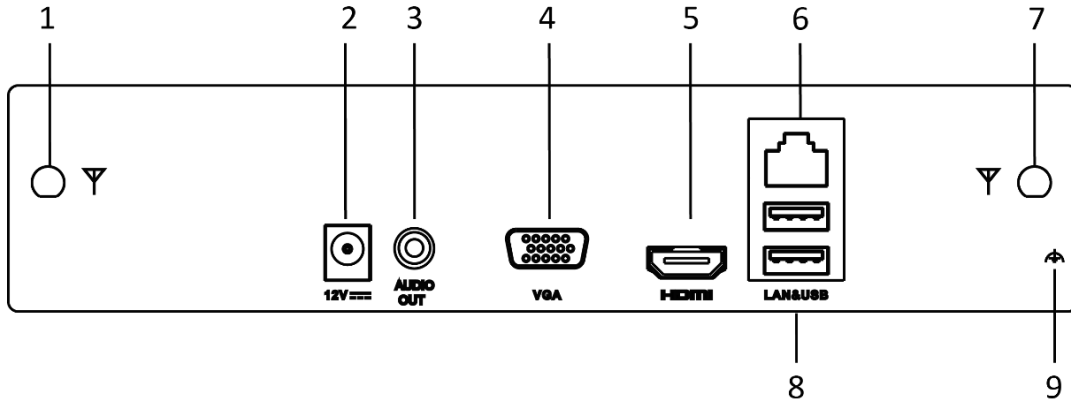


## NVR Dimension



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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