NK44W1H(E)/EU

4 MP Wi-Fi Combo Kit

HIKVISION

- Complete 4-Channel 4 MP Wi-Fi surveillance kit with NVR and 4 Dome IP cameras
- High quality imaging with 4 MP resolution (2560 × 1440)
- Efficient H.265+ / H.265 video compression technology for bandwidth and storage savings
- Built-in Wi-Fi module with auto-connection and easy Plug & Play installation
- Integrated microphone for high-quality real-time audio recording
- Up to 30 m IR illumination distance for clear night vision
- Robust IP66 weather and dust resistant camera design for outdoor and indoor application
- Remote monitoring & control via Hik-Connect mobile application and iVMS-4200 software



Specification

CAMERA SPECIFICATIONS	
Camera Case Type	Dome
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Day & Night	IR cut filter
WDR	Digital WDR (DWDR)
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
Protection Level	IP66 weather resistance
Material	Plastic
Wi-Fi Support	Yes, built-in Wi-Fi module
Power Supply	12 VDC ± 25%, 0.5 A, Φ 5.5 mm coaxial plug power
Power Consumption	≤ 6 W
Working Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	95% or less (non-condensing)
Dimensions (W × D × H)	Φ 121.4 mm × 92.2 mm (Φ 4.8" × 3.6")
Weight	467 g (1 lb)

LENS & IR ILLUMINATION	
Focal Length	2.8 mm
Aperture	F2.0
Focus	Fixed
Field of View (FOV)	Horizontal FOV: 100°, Vertical FOV: 55°, Diagonal FOV: 117°
Lens Mount	M12
IR Range	Up to 30 m

VIDEO, AUDIO & IMAGE SETTINGS	
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 & H.265 Profile	H.264: Baseline / Main / High Profile; H.265: Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
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)
Audio Sampling Rate	8 kHz / 16 kHz / 32 kHz / 44.1 kHz / 48 kHz
Environment Noise Filter	Yes
Max. Resolution	4 MP (2560 × 1440)
Main Stream Frame Rate	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 Frame Rate	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Image Settings	Saturation, brightness, contrast, and sharpness adjustable via client software and web browser
Day/Night Switch	Auto / Scheduled / Day / Night

NETWORK & CAMERA INTERFACES	
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD error, HDD full
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
Client Software	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1 Built-in microphone
Reset Button	Yes

NVR SPECIFICATIONS (RECORDER)	
IP Video Input	4-ch
Bandwidth	Incoming: 50 Mbps / Outgoing: 40 Mbps
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 Resolution	4 MP / 3 MP / 1080p / 1.3 MP / 720p
Synchronous Playback	4-ch
Decoding Capability	2-ch @ 1080p / 1-ch @ 4 MP
Network Interface	1 RJ45 10/100M Ethernet interface
Network Protocols	IPv6, UPnP™, NTP, SADP, DHCP
Remote Connections	16
Wi-Fi Frequency & Standard	2.4 GHz; IEEE 802.11b/g/n; Antenna: 2 × 2 MIMO; Speed: 144 Mbps
SATA Storage	1 SATA interface (Up to 6 TB capacity per disk)
USB Interface	Rear panel: 2 × USB 2.0
Power Supply & Consumption	12 VDC; Consumption: ≤ 12 W (without HDD)

NVR SPECIFICATIONS (RECORDER)	
Working Temp. & Humidity	-10 °C to 55 °C (14 °F to 131 °F); 10% to 90% humidity
Dimensions & Weight	260 mm × 246 mm × 48 mm (10.2" × 9.7" × 1.9"); Weight: ≤ 1 kg (2.2 lb)

KIT PACKAGE DETAILS & ACCESSORIES	
Included Accessories	• Power Cables: 4 × IPC power cables, 1 × NVR power cable • Ethernet Cable: RJ45, Cat5e UTP, 1 m (connects NVR and switch) • HDMI Cable: 1 × HDMI cable, 2 m, black
Hard Drive	Optional / Not included
Certification	FCC, CE
Package Weight	≤ 7 kg (15.4 lb)

Available Model: NK44W1H(E)/EU