HIKVISION®

EKI-K41B44W
Wi-Fi Camera and NVR Kit

The Hikvision EKI-41B44W Wi-Fi Camera and NVR Kit combines everything needed for a small video monitoring system. Four 4 MP bullet cameras connect to the four channel NVR wirelessly over Wi-Fi.

The included 1 TB hard disk drive, along with H.265+ video compression, provides ample capacity to store a long history of recordings. Cloud storage provides redundancy, and a phone app offers system management and viewing from almost anywhere.

Auto Wi-Fi Connection makes installation and setup easy. Includes a network cable and HDMI cable.

Available Model
EKI-41B44W

- One Kit Provides Everything Required for Small Monitoring Scenarios:

    - 1 x 4-ch Wi-Fi NVR with Decoding up to 4-ch @ 4 MP

    - 4 x 4 MP Wi-Fi Bullet Cameras

    - 1 x Network Cable

    - 1 x HDMI Cable

    - 1 x 1 TB HDD Pre-Installed

- Efficient H.265 Compression Technology

- Auto Wi-Fi Connection and Easy installation

- Hik-Connect Cloud Service

- Mobile App for Remote Management and Device Viewing

Specifications

EKI-41B44W	
CAMERA	
Characteristics	
Camera Enclosure Type	Bullet
Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	Color: 0.018 lux @ (ƒ/1.6, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Day/Night	IR cut filter
WDR	DWDR
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Focal Length	2.8 mm
Aperture	ƒ/1.6
Focus	Fixed
FOV	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°
Lens Mount	M12
IR	
IR Range	Up to 98 ft (30 m)
Video	
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supported
H.265 Type	Main profile
H.265+	Main stream supported
Video Bit Rate	32 Kbps to 8 Mbps
Maximum Resolution	2560 × 1440
Main Stream	60 Hz: 20 fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream	60 Hz: 20 fps (640 × 360)
Image Setting	Mirror, privacy masks, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or Web browser
Day/Night Switch	Auto/Scheduled/Day/Night
Audio	
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32–160 Kbps (MP2L2)/16–64 Kbps (AAC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Functions	
Alarm Trigger	Motion detection, exception
Protocols	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, HTTPS, RTP, RTSP, NTP, UPnP, IGMP, IPv6, UDP, QoS, Bonjour
General Function	Anti-flicker, heartbeat, password reset via e-mail
Client	iVMS-4200, Hik-Connect
I/O	
Communication Interface	1 RJ-45 10M/100M self-adaptive Ethernet port
Audio I/O	1 built-in mic
Reset Button	Yes
Wi-Fi	Yes
Power	
Power Supply	12 VDC ±25%, 0.5 A, Ø5.5 mm coaxial plug power
Consumption	≤6 W
General	
Protection Level	IP66
Material	Front cover: plastic; camera body: metal
Working Temperature	–30° to 60° C (–22° to 140° F)
Working Humidity	95% or less (non-condensing)
Dimension (W × D × H)	175.6 mm × 73.0 mm × 89.1 mm (6.9" × 2.9" × 3.5")
Weight	330 g (0.7 lb)

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Specifications (continued)

EKI-41B44W		
NVR		
I/O		
IP Video Input	4-ch	
Incoming/Outgoing Bandwidth	50 Mbps/40 Mbps	
HDMI/VGA Output	1-ch, resolution: 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60 Hz HDMI/VGA simultaneous output	
Audio Output	1-ch, RCA (linear, 1K Ω)	
Video Resolution	4 MP/3 MP/1080p/1.3 MP/720p	
Synchronous Playback	4-ch	
Capability	4-ch @ 4 MP (12 fps)/4-ch @ 1080p (25 fps)	
Interface		
Network Interface	1, RJ-45 10/100M Ethernet interface	
Network Protocol	IPv6, UPnP™, NTP, SADP, DHCP	
Remote Connection	16	
Communication		
Range[1]	w/o Built-In Repeater	262 ft (79.86 m)
	w/Built-in Repeater	393 ft (119.8 m)
Frequency Band	2.4 GHz	
Antenna Structure	2 × 2 MIMO	
Transmission Speed	144 Mbps	
Transmission Standard	IEEE 802.11b/g/n	
Connections		
SATA	1	
Capacity	Maximum 6 TB capacity for each disk	
USB Interface	Rear panel: 2 × USB 2.0	
Power		
Power Supply	12 VDC	
Consumption (w/o HDD)	≤12 W	
General		
Working Temperature	-10° to 55° C (14° to 131° F)	
Working Humidity	10% to 90% non-condensing	
Dimension (W × D × H)	265 mm × 225 mm × 48 mm (10.4" × 8.9" × 1.9")	
Weight (w/o hard disk)	≤1.6 kg (3.5 lb)	

| KIT	
Accessories	Power cable: 4 x IPC power cables, 1 x NVR power cable Ethernet cable: RJ-45, Cat5e UTP, 1 m. Connects NVR and switch HDMI cable: HDMI cable, 2 m, black
Hard Drive	1T: pre-installed 1 TB HDD
Certifications	FCC, CE
Weight (w/package)	≤7 kg (15.4 lb)

Physical Interface
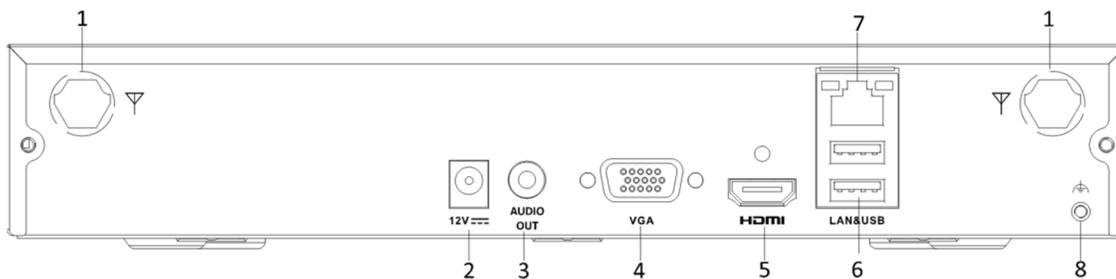
No.	Description	No.	Description
1	Antenna Interface	5	HDMI Interface
2	Power Supply	6	USB Interface
3	Audio Interface	7	LAN Network Interface
4	VGA Interface	8	Ground

[1] Range values are approximate and will vary by environmental conditions of your particular installation.

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Dimensions

73 (2.9")

73.0 (2.9")
89.1 (3.5")

111.9 (4.4")

175.6 (6.9")

Ø70 (2.8")
Ø55 (2.2")
3-Ø4.5 (0.2")

Unit: mm (inch)

Ø4 (0.2")
Ø2 (0.1")

225 (8.9")
246 (9.7")

265 (10.4")

48
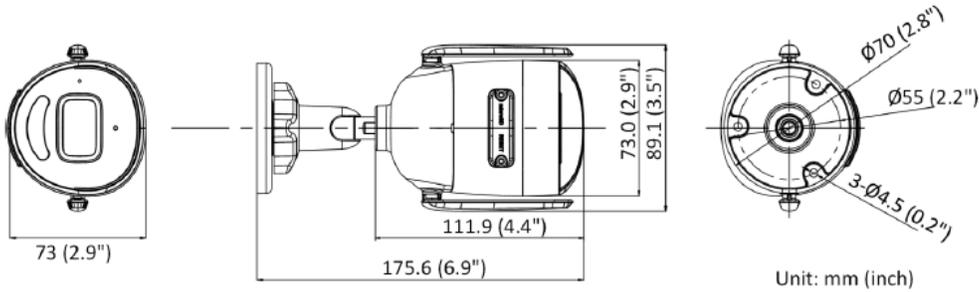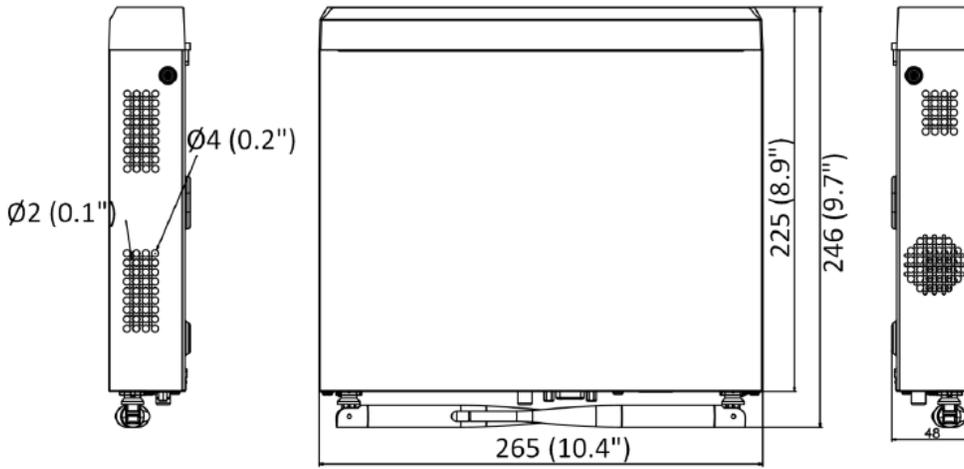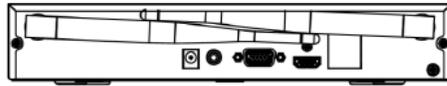
Unit: mm (inch)

Accessories

NOT INCLUDED

CBXS
Junction Box

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