

NK42E3H PoE Kit

Key Feature

- H.265+/H.265/H.264+/H.264 video compression
- PoE connection
- 2 × 2 MP IR fixed network bullet camera, 2 × 2 MP IR fixed network dome camera
- 1 x NVR, full channel recording at up to 4 MP resolution



Camera

- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@30 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

NVR

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



Specification

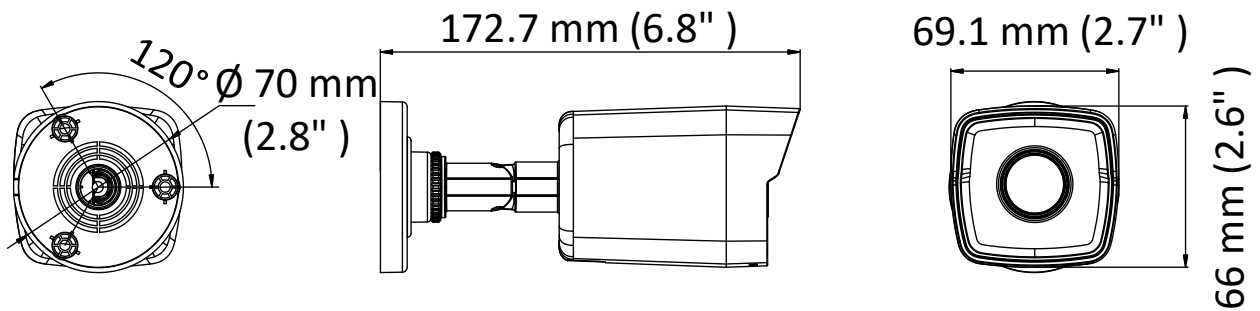
Kit Model	NK42E3H	
Camera Model	2 × DS-2CD1023G0E-I 2 × DS-2CD1123G0E-I	
NVR Model	DS-7104NI-Q1/4P/M	
Camera		
	DS-2CD1023G0E-I	DS-2CD1123G0E-I
Image Sensor	1/2.8" Progressive Scan CMOS	
Min. Illumination	Color: 0.01 Lux @(F1.2; AGC ON), 0.028 Lux @(F2.0; AGC ON)	
Shutter Speed	1/3 s to 1/100,000 s	
Day & Night	IR cut filter	
WDR	DWDR	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°
Protection Level	IP67	IP67, IK10
Material	Front cover: metal, back cover & bracket: plastic	Front cover: plastic, back cover & bracket: metal
Lens		
Focal Length	2.8 mm	
Aperture	F2.0	
Focus	Fixed	
FOV	Horizontal FOV: 114.8°, vertical FOV: 62°, diagonal FOV: 135.5°	
Lens Mount	M12	
IR		
IR Range	Up to 30 m	
Compression Standard		
Video Compression	Main stream: H.265+/H.265/H.264 +/H.264 Sub-stream: H.265/H.264/MJPEG	
H.264 Type	Main Profile/High Profile/Baseline Profile	
H.264+	Main Profile	
H.265 Type	Main Profile	
H.265+	Main Profile	
Video Bit Rate	32 Kbps to 8 Mbps	
Image		
Max. Resolution	1920 × 1080	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 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, sharpness, AGC, white balance adjustable by client software or web browser	
Day/Night Switch	Auto/Scheduled/Day/Night	
Network		
Alarm Trigger	Motion detection, video tampering alarm, illegal login	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP	

General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark	
Client	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500	
Interface		
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port	
Video Out	No	
Alarm I/O	No	
Reset Button	No	
General		
Power Supply	12 VDC \pm 25%, Φ 5.5 mm coaxial plug power, or PoE (802.3af, class 3)	
Consumption	12 VDC, 0.3 A, Max: 3.5 W, or PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, Max: 4.5 W	12 VDC, 0.4 A, Max: 5 W, or PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, Max: 6.5 W
Working Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	
Working Humidity	95% or less (non-condensing)	
Dimension (W \times D \times H)	Φ 70 mm \times 172.7mm (2.8" \times 6.8")	Φ 111 mm \times 82.4 mm (4.4" \times 3.2")
Weight	Approx. 270 g (0.6 lb)	Approx. 400 g (0.9 lb)
NVR		
Video and Audio		
IP Video Input	4-ch Up to 4 MP resolution	
Incoming/Outgoing Bandwidth	40 Mbps/60 Mbps	
HDMI/VGA Output	1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz	
Decoding		
Decoding Format	H.265+/H.265/ H.264+/H.264	
Video Resolution	4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
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	
PoE		
Interface	4, RJ-45 10/100 Mbps self-adaptive Ethernet interface	
Power	\leq 36 W	
Standard	IEEE 802.3 af/at	
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	48 VDC	
Consumption (without HDD, PoE off)	\leq 10 W	

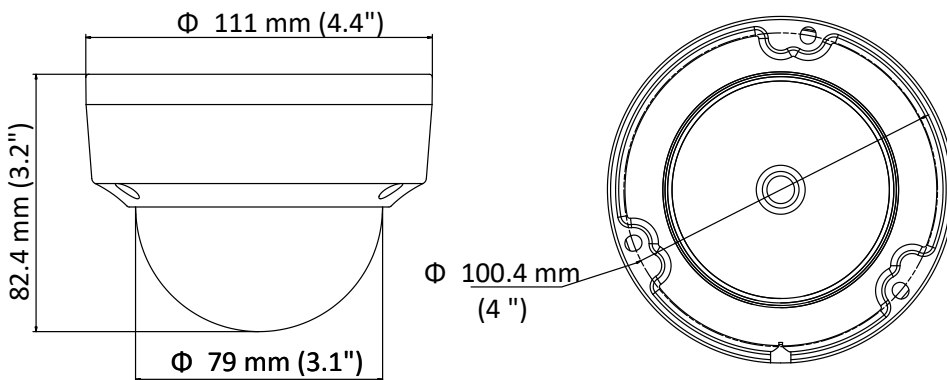
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	265 × 225 × 48 mm (10.4" × 8.9" × 1.9")
Weight (without hard disk)	≤ 1 kg (2.2 lb)
Kit	
Accessories	Power: 1 power cable Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable
Hard Drive	No
Certification	FCC, CE
Weight (with package)	≤ 6.5 kg (14.3 lb)

Camera Dimension

For DS-2CD1023G0E-I



For DS-2CD1123G0E-I



Accessory

For DS-2CD1023G0E-I



DS-1280ZJ-XS
Junction Box

For DS-2CD1123G0E-I



DS-1259ZJ
Inclined Ceiling Mount



DS-1271ZJ-110
Pendant Mount



DS-1272ZJ-110
Wall Mount



DS-1272ZJ-110B
Wall Mount



DS-1258ZJ
Wall Mount



DS-1276ZJ-SUS
Corner Mount



DS-1280ZJ-DM18
Junction Box

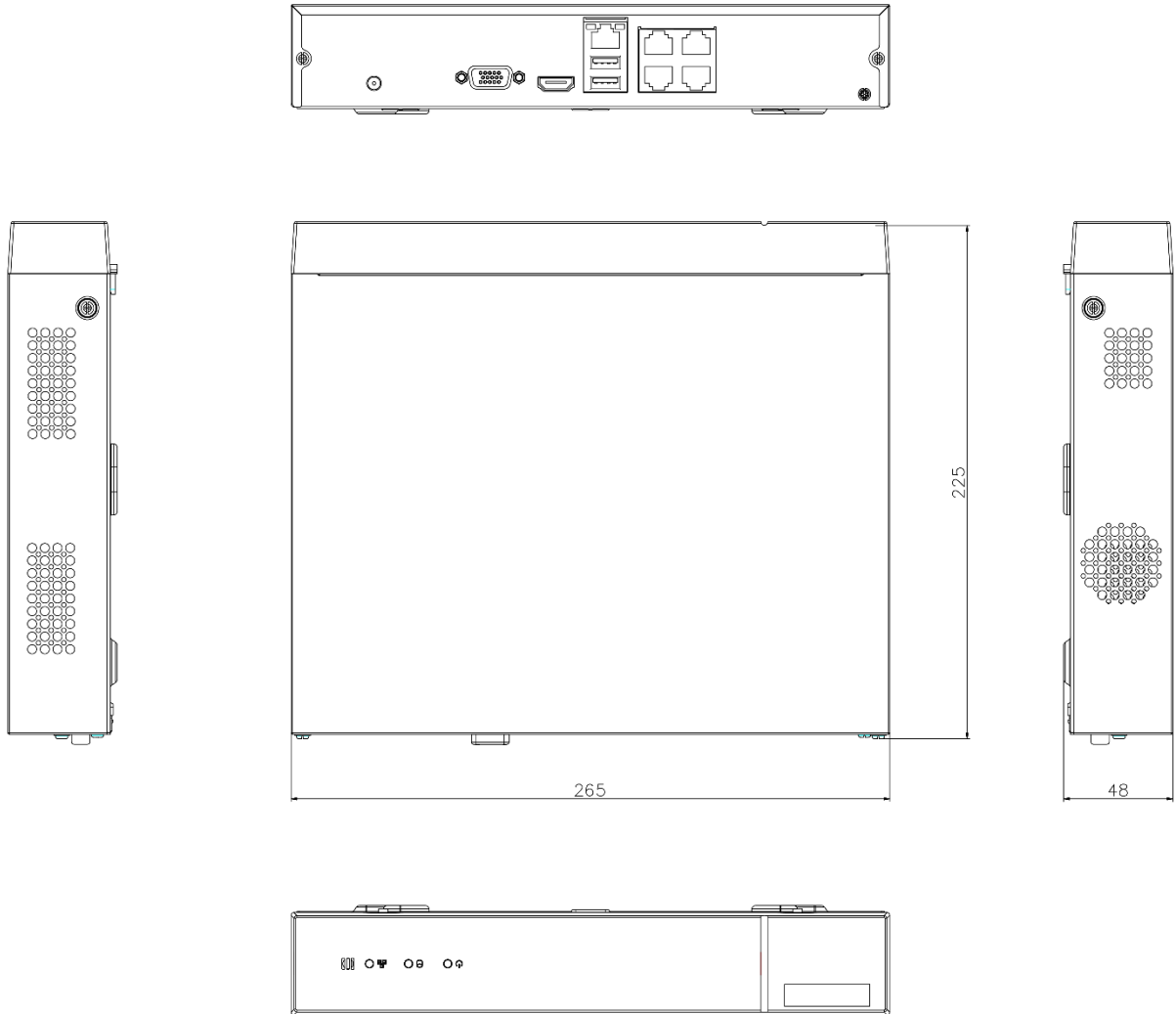


DS-1250ZJ
Rain Shade



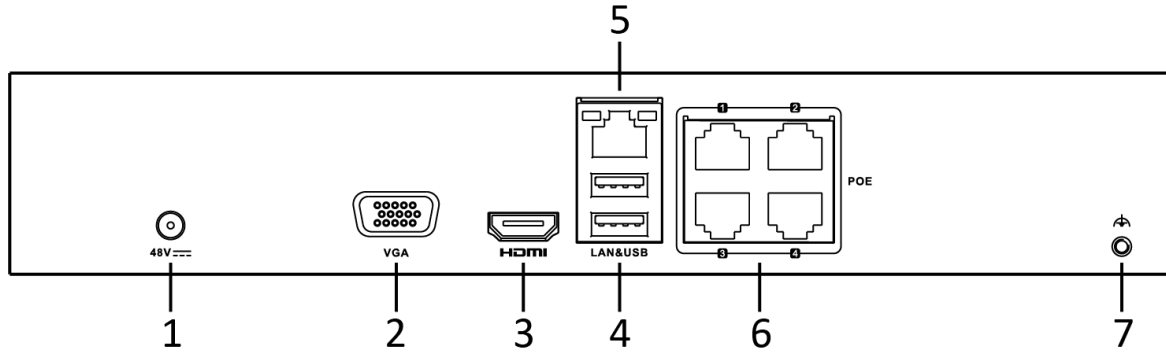
DS-1253ZJ-M
Rain Shade

NVR Dimension



Unit: mm

Physical Interface



No.	Description	No.	Description
1	Power Supply	5	LAN Network Interface
2	VGA Interface	6	Network Interfaces with PoE function
3	HDMI Interface	7	Ground
4	USB Interface		

Available Model

NK42E3H

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