

IK-4144TH-MH/P PoE Kit

Key Feature

- One pack contains everything required for small monitoring scenarios
- One 4-channel PoE NVR with decoding up to 4-ch@1080p
- Four 4MP fixed turret network cameras with efficient H.265 compression technology
- 5 network cables
- 1 TB pre-installed HDD



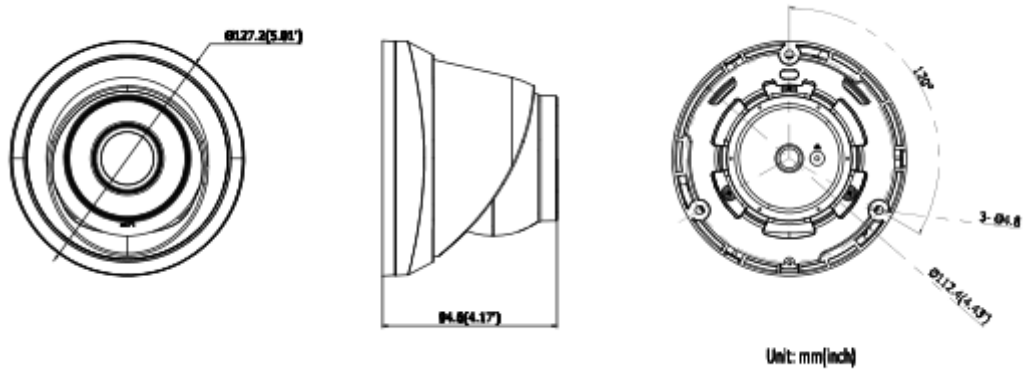
Specification

Kit Model	IK-4144TH-MH/P
Camera Model	IPC-T240H (2.8mm)
NVR Model	NVR-104MH-C/4P
Camera	
Image Sensor	1/3" progressive scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.01 Lux @(F2.0, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8mm
Focal Length & FOV	2.8 mm, horizontal FOV 98.0°, vertical FOV 53.1°, diagonal FOV 114.7°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.0
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
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) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Region of Interest (ROI)	1 fixed region for main stream

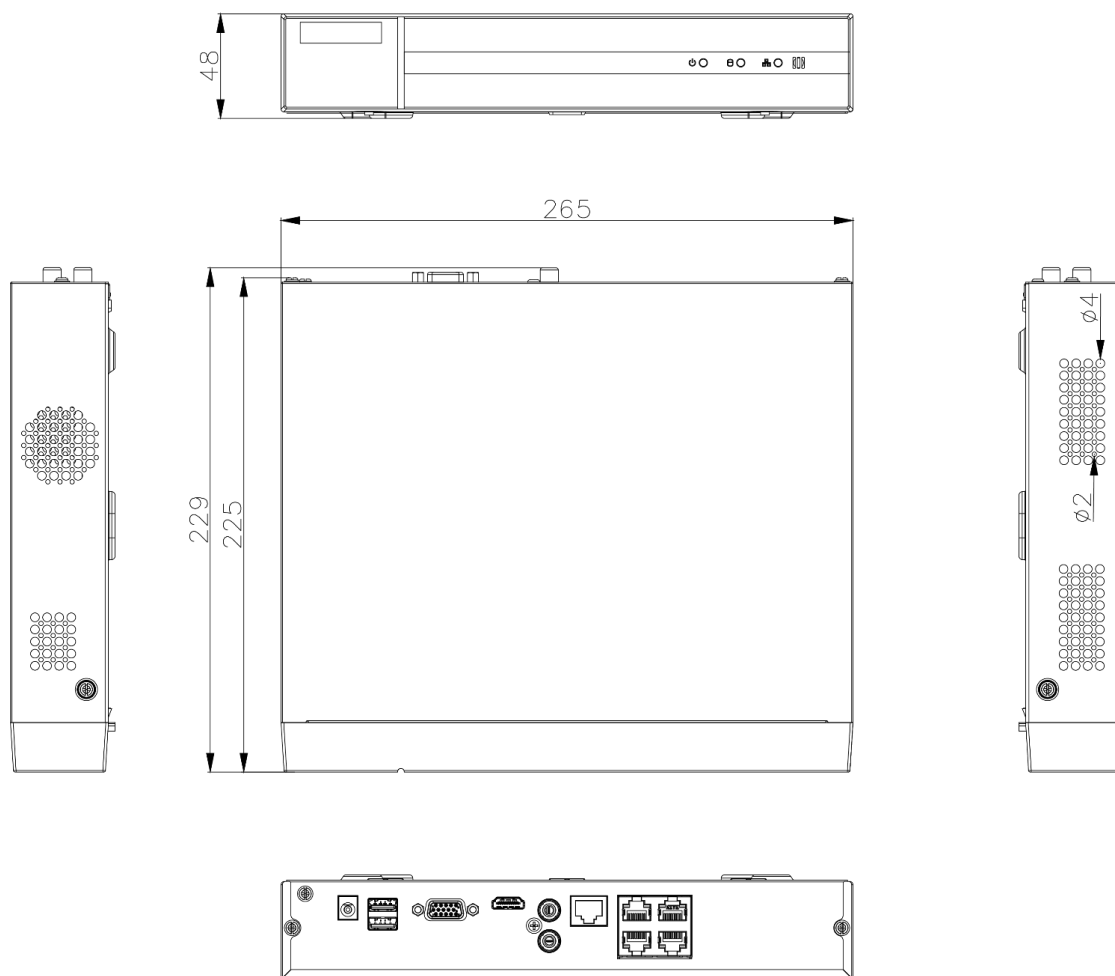
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule, Day, Night
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, 3D DNR
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Event	
Basic Event	Motion detection, video tampering alarm, exception
Linkage	Upload to FTP, notify surveillance center, send email
General	
Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W
Material	Metal & Plastic
Dimension	Ø112 mm × 81.5 mm (Ø4.41" × 3.21")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight	Approx. 320 g (0.7 lb.)
With Package Weight	Approx. 556 g (1.2 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Approval	
EMC	FCC SDoC (47 CFR Part 15, Subpart B); IC VoC (ICES-003: Issue 6, 2016);

Protection	IP67 (IEC 60529-2013)
NVR	
Video and Audio	
IP Video Input	4-ch Up to 8 MP resolution
Incoming/Outgoing Bandwidth	40 Mbps/80 Mbps
HDMI Output	1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz
VGA Output	1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz
Decoding	
Decoding Format	H.265+/H.265/H.264+/H.264
Video Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	4-ch
Capability	2-ch@8 MP (15 fps)/5-ch@1080p (30 fps)
Network	
Remote Connection	16
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	1, RJ-45 10/100 Mbps self-adaptive Ethernet interface
PoE	
Interface	4, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 50 W
Standard	IEEE 802.3 af/at
Auxiliary interface	
SATA	1 SATA interface
Capacity	Up to 8 TB capacity for each disk
USB Interface	Rear panel: 2 x USB 2.0
General	
Power Supply	48 VDC, 1.35 A
Consumption (without HDD and PoE off)	≤ 10 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W x D x H)	265 x 225 x 48 mm (10.2" x 8.9" x 1.9")
Weight (without hard disk)	≤ 1 kg (2.2 lb)
Kit	
Accessories	Network cable: 4 x 18 m (59.1 ft) video and power cable 1 x 1 m (3.3 ft) video and power cable
Hard Drive	Pre-installed 1 TB HDD
Certification	FCC, CE
Weight (with package)	≤ 6.5 kg (14.3 lb)

Camera Dimension

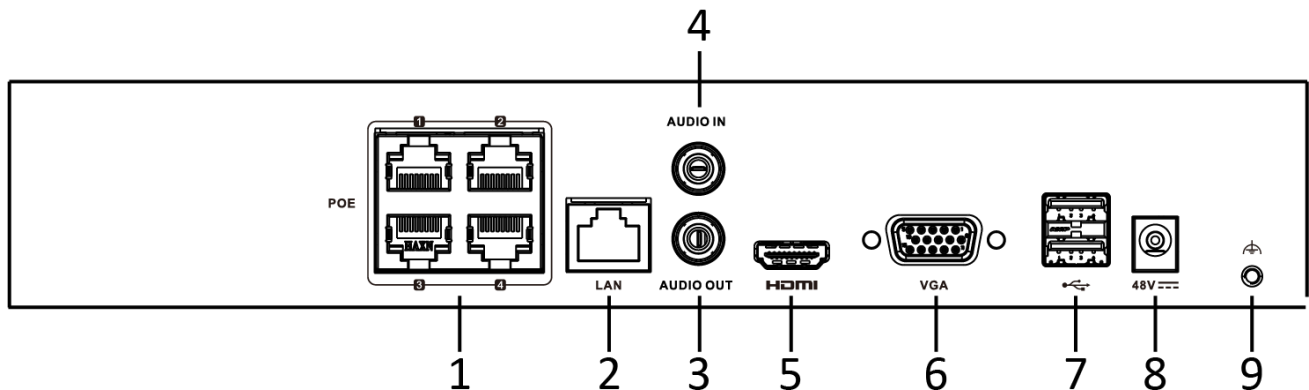


NVR Dimension



scale/1:1;Unit/mm

Physical Interface



No.	Description	No.	Description
1	PoE Interfaces	6	VGA Output (DB9 Connector)
2	LAN Interface	7	USB Interfaces
3	AUDIO OUT	8	Power Supply
4	AUDIO IN	9	GND
5	HDMI Interface		

Available Model

[IK-4144TH-MH/P](#)

Accessory

Optional

PC130T+WML	CB130T	PM	CM
Wall Mount	Junction Box	Vertical Pole Mount	Corner Mount