

# IK-4142TH-MH/P

## PoE Kit

### Key Feature

- H.265+/H.265/H.264+/H.264 video compression
- PoE connection
- 4 × 2 MP IR fixed network turret 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
- HiLookVision for easy network management

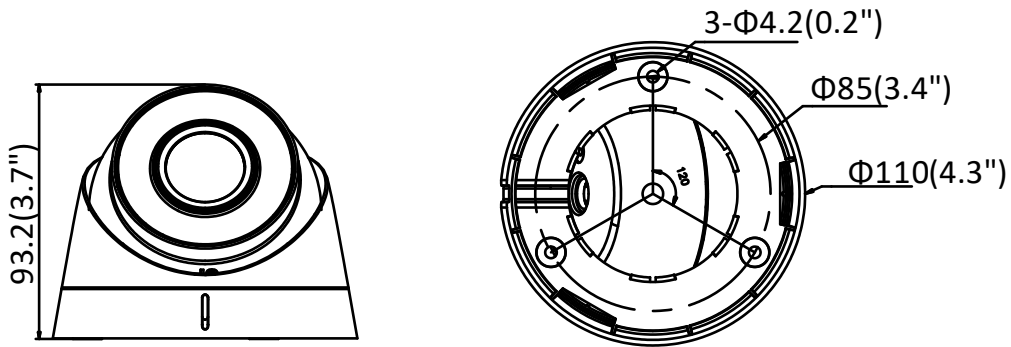
## Specification

<b>Kit Model</b>	IK-4142TH-MH/P
<b>Camera Model</b>	4 × IPC-T221H (2.8 mm)
<b>NVR Model</b>	NVR-104MH-D/4P
<b>Camera</b>	
<b>Image Sensor</b>	1/2.8" 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 360°, tilt: 0° to 75°, rotation: 0° to 360°
<b>Protection Level</b>	IP67
<b>Material</b>	Camera body: metal, bottom base: 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: 114.8°, vertical FOV: 62°, diagonal FOV: 135.5°
<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.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
<b>H.264 Type</b>	Main Profile/High Profile/Baseline Profile
<b>H.264+</b>	Main Profile
<b>H.265 Type</b>	Main Profile
<b>H.265+</b>	Main Profile
<b>Video Bit Rate</b>	32 Kbps to 8 Mbps
<b>Image</b>	
<b>Max. Resolution</b>	1920 × 1080
<b>Main Stream</b>	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 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, sharpness, AGC, white balance adjustable by client software or web browser
<b>Day/Night Switch</b>	Auto/Scheduled/Day/Night
<b>Network</b>	
<b>Alarm Trigger</b>	Motion detection, video tampering alarm, illegal login
<b>Protocols</b>	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
<b>General Function</b>	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
<b>Client</b>	iVMS-4200, HiLookVision, iVMS-5200, iVMS-4500
<b>Interface</b>	
<b>Communication Interface</b>	1 RJ45 10M/100M self-adaptive Ethernet port

<b>Video Out</b>	No
<b>Alarm I/O</b>	No
<b>Reset Button</b>	No
<b>General</b>	
<b>Power Supply</b>	12 VDC $\pm$ 25%, $\Phi$ 5.5 mm coaxial plug power, or PoE (802.3af, class 3)
<b>Consumption</b>	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
<b>Working Temperature</b>	-30 °C to 60 °C (-22 °F to 140 °F)
<b>Working Humidity</b>	95% or less (non-condensing)
<b>Dimension (W × D × H)</b>	$\Phi$ 110 mm × 93.2 mm (4.3" × 3.7")
<b>Weight</b>	Approx. 360 g (0.8 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>	40 Mbps/60 Mbps
<b>HDMI/VGA Output</b>	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Decoding</b>	
<b>Decoding Format</b>	H.265+/H.265/ H.264+/H.264
<b>Video Resolution</b>	4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
<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>PoE</b>	
<b>Interface</b>	4, RJ-45 10/100 Mbps self-adaptive Ethernet interface
<b>Power</b>	$\leq$ 36 W
<b>Standard</b>	IEEE 802.3 af/at
<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 × USB 2.0
<b>Alarm In/Out</b>	No
<b>General</b>	
<b>Power Supply</b>	48 VDC
<b>Consumption (without HDD and PoE off)</b>	$\leq$ 10 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>	265 × 225 × 48 mm (10.4" × 8.9" × 1.9")
<b>Weight (without hard disk)</b>	$\leq$ 1 kg (2.2 lb)
<b>Kit</b>	

<b>Accessories</b>	Power: 1 power cable 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>	≤ 8 kg (17.6 lb)

## Camera Dimension



Unit:mm(inch)

## Accessory



HIA-B401-110T  
Wall Mounting Bracket



HIA-B301  
Vertical Pole Mounting  
Bracket

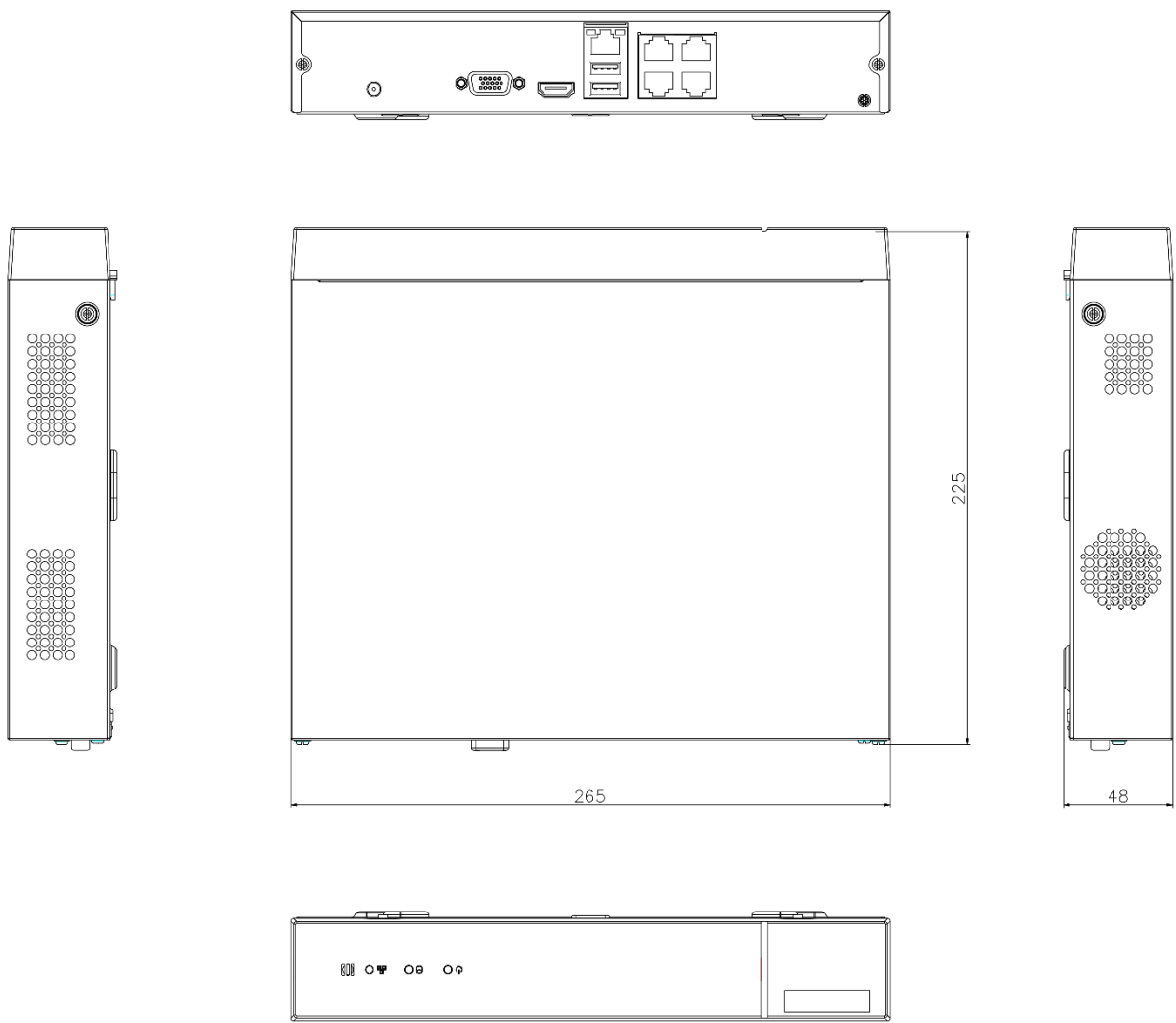


HIA-J102  
Junction Box



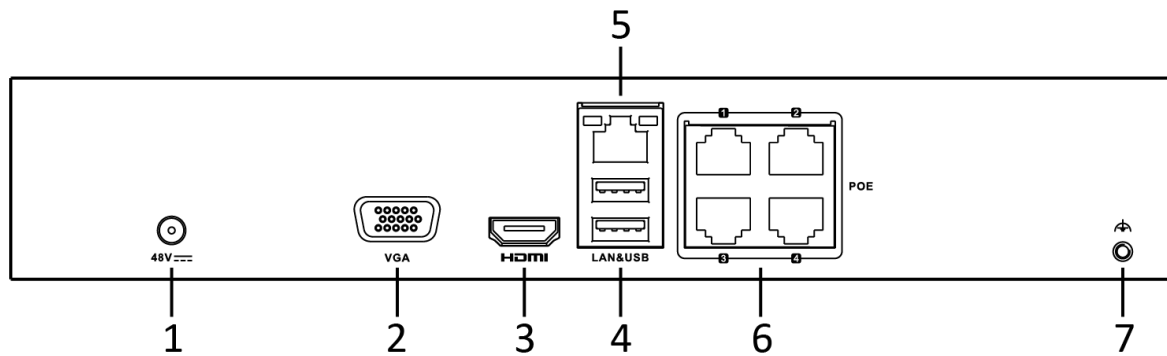
HIA-B201  
Corner Mounting  
Bracket

# 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

IK-4142TH-MH/P