

## EKI-K82T86 (C)

### 6 x 8 MP Turret IPC + 1 x 8-ch 4K PoE NVR KIT



#### Camera

- High quality imaging with 4K resolution
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to 120 dB WDR
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range
- Hik-Connect cloud service and APP for remote management and views of devices
- Built-in microphone for real-time audio security
- Support up to 256 GB SD card storage

#### NVR

- Up to 8-ch IP camera inputs
- 2TB HDD Pre-installed
- H.265+/H.265/H.264+/H.264 video formats
- Up to 1-ch@8 MP/5-ch@1080p decoding capacity
- Up to 80 Mbps incoming bandwidth
- Provide simultaneous HDMI and VGA outputs
- HDMI video output at up to 4K resolution
- 8 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management



## ▪ Specification - Camera

Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type & FOV	2.8 mm, horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123°
Aperture	F2.0
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Max. Resolution	3840 × 2160
Main Stream	50 Hz: 12.5 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 2560 × 1440, 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.265 Sub-stream: H.265/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
H.265 Type	Main Profile
H.265+	Main stream supports
Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	H.265 supports
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (PROFILE S, PROFILE G), ISAPI, SDK, ISUP
Protocols	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, HTTPS, RTP, RTSP, NTP, UPnP, IGMP, IPv6, UDP, QoS, Bonjour, FTP, SMTP, 802.1x, SSL/TLS, PPPoE

User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Network Storage	Supports microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
<b>Image</b>	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Mirror, saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or web browser
Privacy Mask	4 regions of privacy masks
<b>Interface</b>	
Built-in Microphone	Yes
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
<b>Smart Feature-Set</b>	
Basic Event	Motion detection, video tampering, exception
<b>General</b>	
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture
Firmware Version	V5.7.1
Web Client Language	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Anti-flicker, heartbeat, password protection, password reset via email
Software Reset	Yes
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)
Power Supply	12 VDC ± 25% PoE: 802.3af, Type 1 Class 3
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE (802.3af, 36 V to 57 V), 0.20 A to 0.1 A, max. 6.5 W
Power Interface	Ø5.5 mm coaxial power plug
Camera Material	Aluminum alloy body
Camera Dimension	Ø127 mm × 96 mm (Ø5" × 3.7")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Camera Weight	Approx. 469 g (1.03 lb.)
With Package Weight	Approx. 705 g (1.55 lb.)

## Approval

EMC	FCC SDoC (47 CFR Part 15, Subpart B); IC VoC (ICES-003: Issue 6, 2016);
Safety	UL (UL 60950-1);
Protection	IP67 (IEC 60529-2013)

## ▪ Specification

<b>Model</b>	<b>ERI-K108-P8 (C)</b>
<b>Video and Audio</b>	
IP video input	8-ch Up to 8 MP resolution
Incoming bandwidth	80 Mbps
Outgoing bandwidth	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
Video output mode	HDMI/VGA simultaneous output
CVBS output	N/A
Audio output	1-ch, RCA (Linear, 1 K $\Omega$ )
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ , using the audio input)
<b>Decoding</b>	
Decoding format	H.265+/H.265/H.264+/H.264
Recording resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	8-ch
Capability	1-ch@8 MP (30 fps)/5-ch@1080p (30 fps)
Stream type	Video, Video & Audio
Audio compression	G.711ulaw/G.711alaw/G.722/G.726
<b>Network</b>	
Remote connection	64
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
<b>PoE</b>	
Interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 75 W
Supported standard	IEEE 802.3 af/at
<b>Auxiliary Interface</b>	
SATA	1 SATA interface
Capacity	Up to 8 TB capacity for each disk
USB interface	Front panel: 1 x USB 2.0; Rear panel: 1 x USB 2.0
<b>General</b>	
Power supply	48 VDC, 1.88 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)	320 x 240 x 48 mm (12.4" x 9.4" x 1.9")
Weight (without HDD)	≤ 1 kg (2.2 lb)
<b>Certification</b>	
FCC	Part 15 Subpart B, ANSI C63.4-2014

## ▪ Available Model

EKI-K82T86 (C)

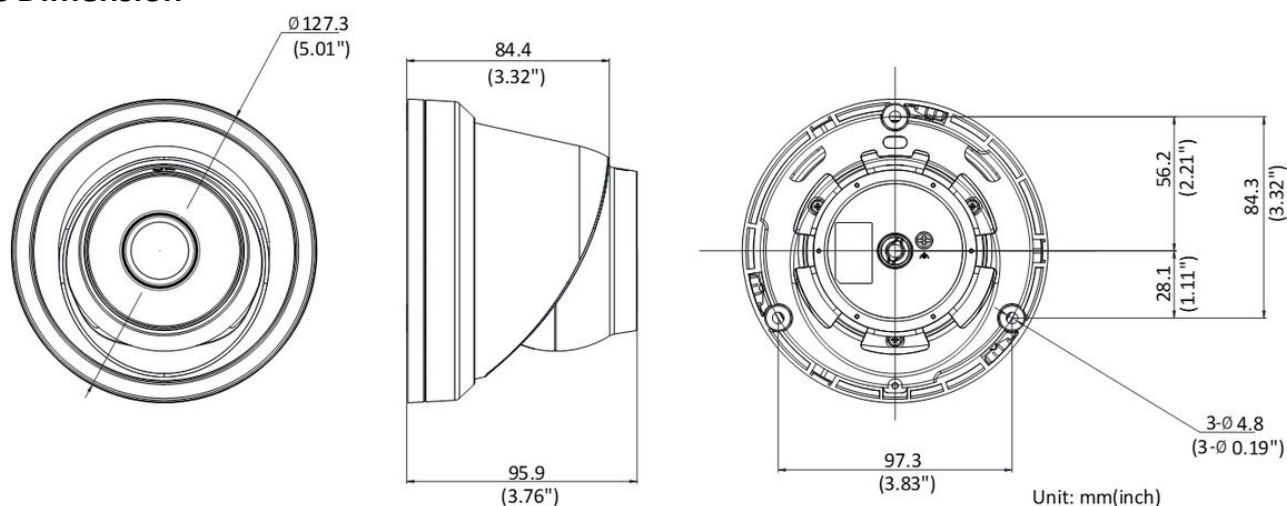
## ▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.






Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

## IPC Dimension

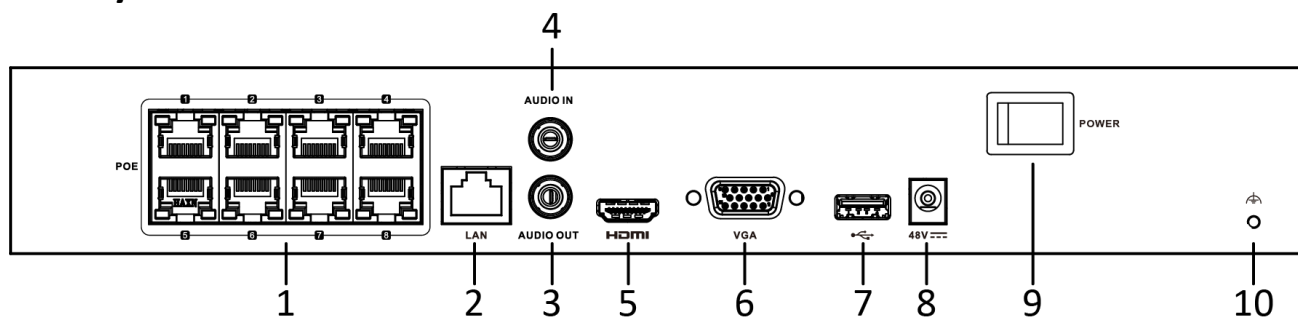


## IPC Accessory

### ▪ Optional

CBM	PM	CM	PC130T	WMS/WML
Junction Box	Vertical Pole Mount	Corner Mount	Pendent Cap	Wall Mount
				

## NVR Physical Interface



No.	Description	No.	Description
1	PoE Interfaces	6	VGA Output (DB9 Connector)
2	LAN Interface	7	USB Interface
3	AUDIO OUT	8	Power Supply
4	AUDIO IN	9	Power Switch
5	HDMI Interface	10	GND

Distributed by



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