

EKI-K41T44H EKI-K42T44H EKI-K82T46H EKI-K164T412H 4 MP Smart Hybrid Light IP KIT



EKI-K41T44H:

- 4K 4-CHANNEL POE NVR ERI-K104-P4 with 1TB HDD
- 4 MP IP TURRET CAMERAS (4) DS-2CD1343G2-LIUF (2.8 mm)

EKI-K42T44H:

- 4K 4-CHANNEL POE NVR ERI-K104-P4 with 2TB HDD
- 4 MP IP TURRET CAMERAS (4) DS-2CD1343G2-LIUF (2.8 mm)

EKI-K82T46H:

- 4K 8-CHANNEL POE NVR ERI-K108-P8 with 2TB HDD
- 4 MP IP TURRET CAMERAS (6) DS-2CD1343G2-LIUF (2.8 mm)

EKI-K164T412H:

- 4K 16-CHANNEL POE NVR ERI-K216-P16 with 4TB HDD
- 4 MP IP TURRET CAMERAS (12) DS-2CD1343G2-LIUF (2.8 mm)



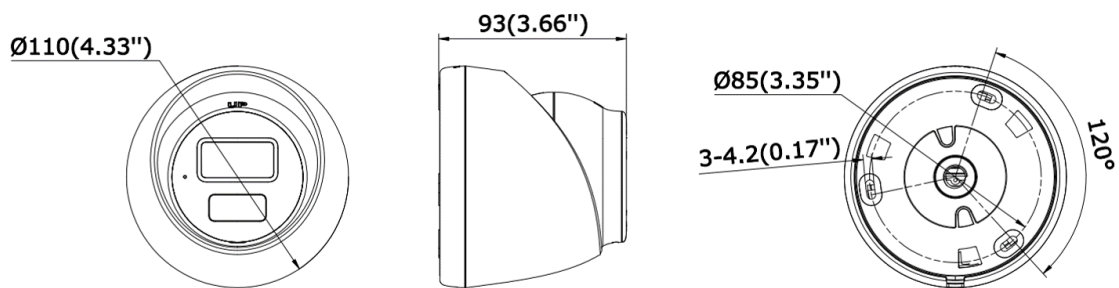
▪ Specification – Camera Model: DS-2CD1343G2-LIUF

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Max. Resolution | 2560 × 1440 |
| Shutter Time | 1/3 s to 1/100,000 s |
| Min. Illumination | Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR |
| 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, 2.8 mm |
| Focal Length & FOV | horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114° |
| Lens Mount | M12 |
| Iris Type | Fixed |
| Aperture | F1.6 |
| DORI | |
| DORI | D: 63 m, O: 25 m, R: 12 m, I: 6 m |
| Illuminator | |
| Supplement Light Type | IR, White Light |
| 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 (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) |
| Video Compression | Main stream: H.265+/H.265/H.264+/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 |
| Bit Rate Control | CBR, VBR |
| Region of Interest (ROI) | 1 fixed region for main stream |
| Audio | |
| Audio Type | Mono sound |
| 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-LC |
| Audio Bit Rate | 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) |

| Network | |
|----------------------------------|--|
| Security | Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address) |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK |
| Protocols | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, IPv4, IPv6, UDP, QoS, FTP, SMTP |
| User/Host | Up to 32 users 3 user levels: administrator, operator, and user |
| Client | iVMS-4200, Hik-Connect |
| Web Browser | Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+ |
| Image | |
| Wide Dynamic Range (WDR) | 120 dB |
| SNR | ≥ 52 dB |
| Day/Night Switch | Day, Night, Auto, Schedule |
| Image Enhancement | BLC, HLC, 3D DNR |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser |
| Privacy Mask | 4 programmable polygon privacy masks |
| Interface | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| On-Board Storage | Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB |
| Built-in Microphone | Yes |
| Reset Key | Yes |
| Event | |
| Basic Event | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception |
| Linkage | Upload to FTP/memory card , send email, notify surveillance center, trigger recording , trigger capture |
| General | |
| Power | 12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W |
| Material | Metal & Plastic |
| Dimension | Ø110 mm × 89.2 mm (Ø4.3" × 3.5") |
| Package Dimension | 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6") |
| Weight | Approx. 340 g (0.7 lb.) |
| With Package Weight | Approx. 560 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) |
| Language | English, Ukrainian |
| General Function | Heartbeat, anti-banding, mirror, password protection, password reset via email |

| Approval | |
|-------------|---|
| EMC | FCC: 47 CFR Part 15, Subpart B, CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7 |
| Safety | UL: UL 62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005 |
| Environment | CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006 |
| Protection | IP67: IEC 60529-2013 |



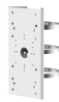


Dimension



Unit: mm (inch)

Accessory

Optional

| CM Corner Mount | CBS Junction Box | PM Vertical Pole Mount | ABS Inclined Ceiling Mount | WMS+PC110T Wall Mount |
|---|---|---|---|---|
|  |  |  |  |  |

▪ Specification – NVR Model: ERI-K104-P4 (D) for EKI-K41T44H & EKI-K42T44H

| Motion Detection 2.0 | |
|-----------------------------|---|
| Human/Vehicle Analysis | 1-ch |
| Video and Audio | |
| IP Video Input | 4-ch |
| Incoming Bandwidth | 40 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 |
| Audio Output | 1-ch, RCA (Linear, 1 K Ω) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1k Ω) |
| Decoding | |
| 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 | 4-ch |
| Decoding Capability | 1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps) *: The length or width of camera resolution (each track) cannot exceed 4096 pixels. |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726 |
| Network | |
| Remote Connection | 32 |
| 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-ch, 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 | 2 x USB 2.0 |
| Alarm In/Out | N/A (4/1 is optional) |
| General | |
| Power Supply | 48 VDC, 1.35 A |
| Consumption | ≤ 10 W (without HDD and PoE off) |
| 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 | ≤ 1.18 kg (without HDD, 2.6 lb.) |

▪ Specification – NVR Model: ERI-K108-P8 (D) for EKI-K82T46H

| Motion Detection 2.0 | |
|-----------------------------|---|
| Human/Vehicle Analysis | 4-ch |
| Video and Audio | |
| IP Video Input | 8-ch |
| 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 |
| Audio Output | 1-ch, RCA (Linear, 1 kΩ) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1kΩ) |
| Decoding | |
| 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 |
| Decoding Capability | 1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps) *: The length or width of camera resolution (each track) cannot exceed 4096 pixels. |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726 |
| Network | |
| Remote Connection | 32 |
| 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 | 8-ch, RJ-45 10/100 Mbps self-adaptive Ethernet interface |
| Power | ≤ 75 W |
| Standard | IEEE 802.3 af/at |
| Auxiliary Interface | |
| SATA | 1 SATA interface |
| Capacity | Up to 8 TB capacity for each disk |
| USB Interface | 2 × USB 2.0 |
| Alarm In/Out | N/A |
| General | |
| Power Supply | 48 VDC, 1.88 A |
| Consumption | ≤ 10 W (without HDD and PoE off) |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10% to 90% |
| Dimension (W × D × H) | 320 × 240 × 48 mm (12.4" × 9.4" × 1.9") |
| Weight | ≤ 1 kg (without HDD, 2.2 lb.) |

Specification – NVR Model: ERI-K216-P16 (D) for EKI-K164T412H

| Motion Detection 2.0 | |
|-----------------------------|---|
| Human/Vehicle Analysis | 4-ch |
| Video and Audio | |
| IP Video Input | 16-ch |
| Incoming Bandwidth | 160 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 |
| Audio Output | 1-ch, RCA (Linear, 1 K Ω) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 k Ω) |
| Decoding | |
| 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 | 16-ch |
| Decoding Capability | 1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps) *: The length or width of camera resolution (each track) cannot exceed 4096 pixels. |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726 |
| Network | |
| Remote Connection | 32 |
| 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 10/100/1000 Mbps self-adaptive Ethernet interface |
| PoE | |
| Interface | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface |
| Power | ≤ 150 W |
| Standard | IEEE 802.3 af/at |
| Auxiliary Interface | |
| SATA | 2 SATA interfaces |
| Capacity | Up to 8 TB capacity for each disk |
| Alarm In/Out | N/A (4/1 is optional) |
| USB Interface | 2 x USB 2.0 |
| General | |
| Power Supply | 100 to 240 VAC, 50 to 60 Hz |
| Consumption | ≤ 15 W (without HDD and PoE off) |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10% to 90% |
| Chassis | 1U chassis |
| Dimension (W x D x H) | 385 x 315 x 52 mm (15.2" x 12.4" x 2.0") |
| Weight | ≤ 2.6 kg (without HDD, 5.7 lb.) |



▪ **Available Model**

EKI-K41T44H

EKI-K42T44H

EKI-K82T46H

EKI-K164T412H

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