

EKI-K41T44C3 ColorVu3.0 Kit

Key Feature

- One 4-channel PoE NVR with decoding up to 4-ch@4MP
- Four 4MP Smart Hybrid Light fixed turret network cameras with efficient H.265+ compression technology
- Super clear 24/7 colorful imaging with ColorVu 3.0 technology
- 1 TB Pre-installed HDD



Specification

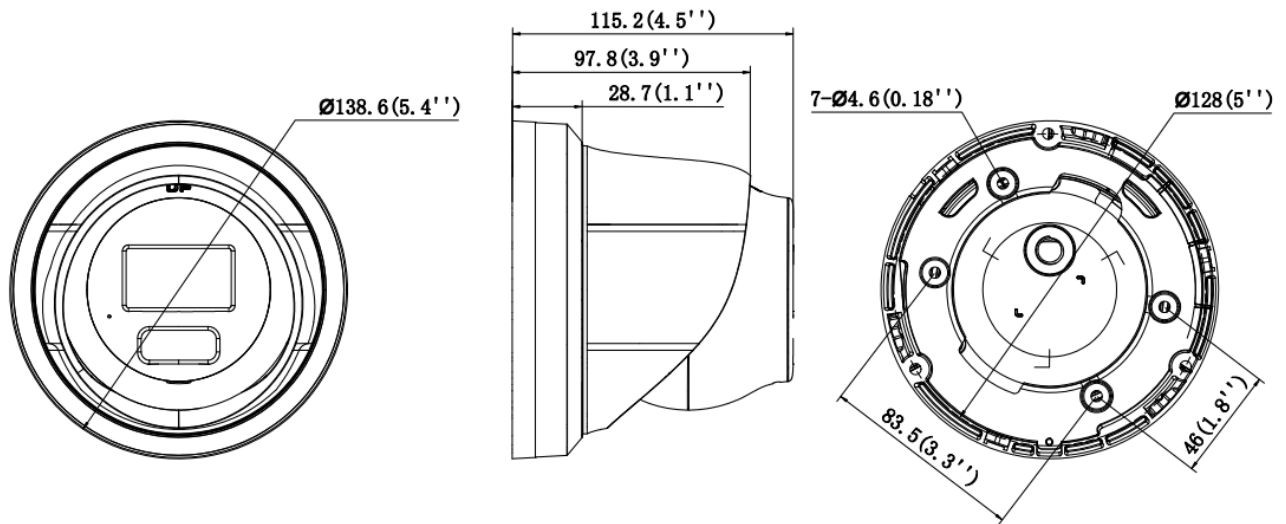
Kit Model	EKI-K41T44C3
Camera Model	DS-2CD1347G3H-LIUF/SRB(2.8mm)
NVR Model	DS-7604NI-Q1/4P
Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.0001 Lux @ (F1.0, AGC ON)
Shutter Time	1 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 mm
Focal Length & FOV	2.8 mm, horizontal FOV 104°, vertical FOV 54.4°, diagonal FOV 126.7°
Lens Mount	M16
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.8 mm: 2.5 m to ∞
DORI	
DORI	2.8 mm, D: 61 m, O: 24 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: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (768 × 432, 640 × 360) 60 Hz: 24 fps (768 × 432, 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 16 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
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Audio	
Audio Type	Mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
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-LC)/8 to 160 Kbps (MP3)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IPv4, IPv6, IGMP, UDP, QoS, FTP, SMTP
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile G), ISAPI, SDK, ISUP
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)
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: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+, Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+
Image	
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR
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, 1 built-in microphone
Built-in Speaker	Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 98 dB.

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, notify surveillance center, send email, trigger recording, trigger capture
General	
Power	12 VDC $\pm$ 25%, 0.4 A, max. 5 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W
Material	Metal except for trim ring
Dimension	$\varnothing$ 138.6 mm $\times$ 115.2 mm ($\varnothing$ 5.4" $\times$ 4.5")
Package Dimension	170 mm $\times$ 170 mm $\times$ 160 mm (6.7" $\times$ 6.7" $\times$ 6.3")
Weight	Approx. 790 g (1.7 lb.)
With Package Weight	Approx. 1100 g (2.4 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	Heartbeat, mirror, flash log, password reset via email, password protection, anti-banding
Flashing Light	Red and Blue Light
Approval	
Protection	IP67 (IEC 60529-2013)
NVR	
Video and Audio	
IP Video Input	4-ch
Incoming Bandwidth	40 Mbps
Outgoing Bandwidth	80 Mbps
HDMI Output	1-ch, 4K (4096 $\times$ 2160)/30Hz, 4K (3840 $\times$ 2160)/30Hz, 2K (2560 $\times$ 1440)/30Hz, 1920 $\times$ 1080p/60Hz, 1600 $\times$ 1200/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz
VGA Output	1-ch, 1920 $\times$ 1080p/60Hz, 1600 $\times$ 1200/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1280 $\times$ 720 /60Hz
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)
Recording	
Stream Type	Video, Video & Audio

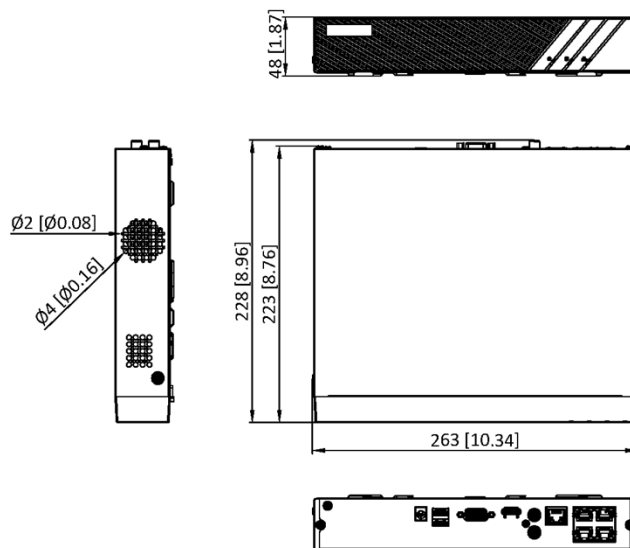
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726
Decoding	
Decoding Format	H.265+,H.265,H.264+,H.264
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Synchronous playback	4-ch
Decoding Capability	AI&4K Off: 8-ch@1080p(30fps) AI/4K On: 6-ch@1080p(30fps) *: The length or width of camera resolution (each track) cannot exceed 4096 pixels.
Network	
Remote Connection	32
Network Protocol	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Network Interface	1, RJ-45 10/100 Mbps self-adaptive Ethernet interface
PoE	
Interface	4, RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
Power	≤ 50W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	1 SATA interface
Capacity	Up to 8TB capacity for each disk
USB Interface	2 × USB 2.0
Alarm In/Out	N/A
General	
Power Supply	48 VDC or ≤ 65 W
Consumption	≤ 10 W (without enabling PoE)
Working Temperature	-10 to +55° C (+14 to +131° F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	263 × 223 × 48 mm (10.34" × 8.76" × 1.87")
Weight	≤ 1.5 kg (3.3 lb)

Camera Dimension

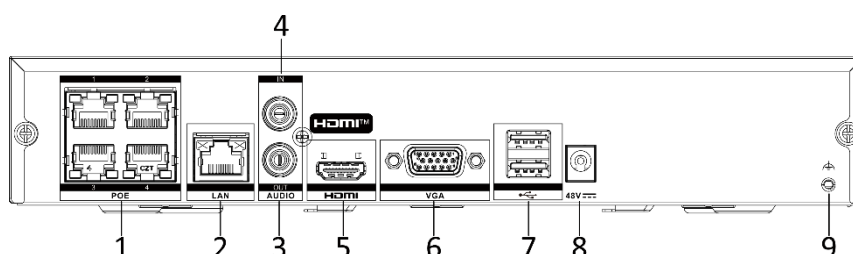


Unit:mm (inch)

NVR Dimension



Physical Interface



Number	Description	Number	Description
1	PoE interfaces	6	VGA interface
2	LAN network interface	7	USB interfaces
3	Audio out	8	48 VDC power input
4	Audio in	9	GND
5	HDMI interface		

Available Model

EKI-K41T44C3

Accessory

Optional

DS-1276ZJ-SUS Corner mount	DS-1273ZJ-140B Wall mount	DS-1271ZJ-140 Pendant Mount	DS-1275ZJ-SUS Vertical pole mount	DS-1280ZJ-PT6 Junction box
				

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