DS-KV8114T-KWQE1
Metal Villa Door Station



- Clear & wide vision: 4 MP + 2MP + 2MP, 180° FOV, AI-ISP
- Loud & clear audio: Max to 4 mic / dual speakers, AI noise reduction
- AI-powered security: AI video detection, Abnormal sound detection
- Flexible access solutions: Face / Card / Bluetooth / PIN code / QR code / App

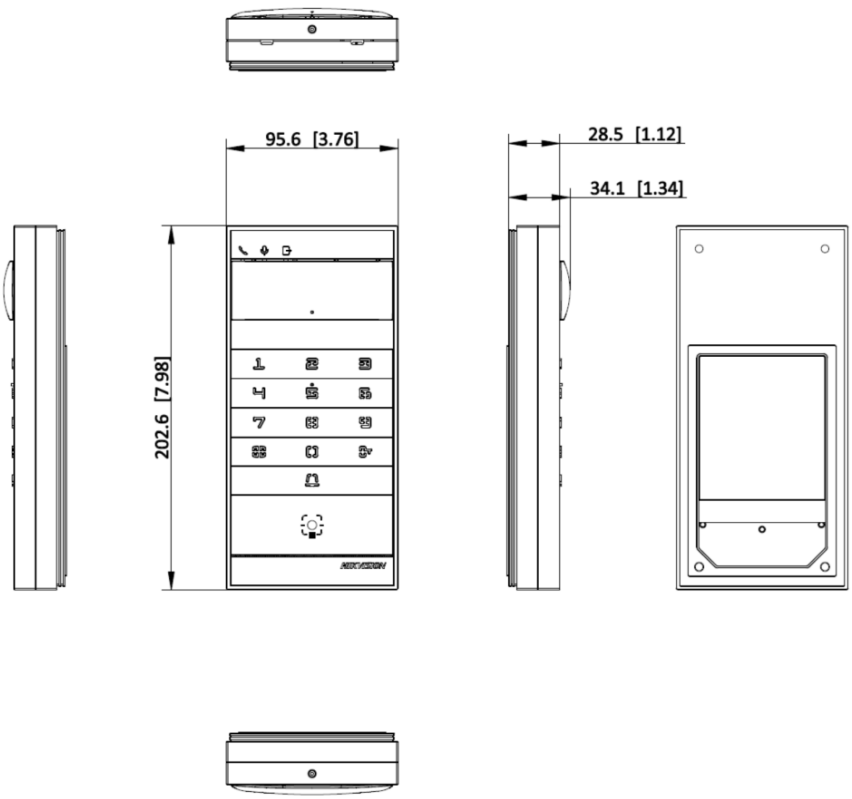
▪ Specification

System parameters	
Operation system	Linux
ROM	4 GB
RAM	1 GB
Processor	Embedded high performance processor
Video parameters	
Lens	3
Resolution	Main stream: 4MP(2688x1520P), 2MP(1920x1080P), 1MP(1280x720P) Sub stream: 2MP(1920x1080P), 1MP(1280x720P), 0.3MP(640x480P)
FOV	Center Lens: Horizontal: 180°; Vertical: 105° Side Lenses: Horizontal: 75°; Vertical: 150°
Wide dynamic range (WDR)	Support 120 dB
Supplement light	IR light, up to 3 m
Video compression standard	H.264; H.265; MJPEG
Audio parameters	
Audio input	4 built-in omnidirectional microphones
Audio compression standard	G.711u, G.711a, Opus, AAC-LD, AAC-LC, G.726, G.722.1, G.729
Audio output	2 built-in loudspeakers
Audio compression bitrate	8~64 Kps
Audio quality	Noise suppression and echo cancellation
Volume adjustment	Adjustable
Audio Performance	50cm, 85dB
Audio Sample Rate	8kHz, 16kHz
Capacity	
User capacity	10000
Face capacity	10000
Card capacity	50000
Sub door station capacity	16
Network parameters	
Network protocol	TCP/IP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, NTP, IPv4, IPv6, UDP, WebSocket, WebSockets , ONVIF, SIP v2 (RFC3261)
Wi-Fi	2.4G
Bluetooth	Supported, BLE 5.2
3G/4G	/
Wi-Fi Protocol	IEEE802.11b,IEEE802.11g,IEEE802.11n,IEEE802.11ax
Wi-Fi Type	WiFi 6
Authentication	
Authentication mode	Face, Card, QR code, Bluetooth, Hik-Connect, Indoor station, Mobile APP, PIN Code
Card type	M1 Card, Desfire
Card reading frequency	13.56 MHz
Face recognition distance	0.3 to 1.5 m
Card reading distance	3 cm
Application	
Mobile APP	Hik-Connect

Motion Detection	Support
Playback	Support
Call Elevator	Support
Smart Features	1. Sound Classification Detection: Scream, Glass Breaking Sound, Crying Sound, Gunshot Recommended Detection Distance: < 3 m 2. Portrait Centered 3. Perimeter Detection: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection Recommended Detection Distance: < 10 m Supports Person and Vehicle Target Detection 4. Fall Down Detection Recommended Detection Distance: < 5 m 5. Target Microphone Pickup Range: Forward 60° Sector Area Recommended Detection Distance: 0.5 m ~ 1 m 6. Smart Noise Reduction Supports Common Steady-State and Non-Steady-State Street Noises Noise Reduction Level: > 15 dB
Device interfaces	
Alarm input	4, (include Exit button and Door contact input)
Network interface	1 RJ-45, 10/100 Mbps self-adaptive
TAMPER	1
Exit button	2
RS-485	1
USB	/
Wiegand	/
TF card	Support TF card, up to 128 G
Alarm output	/
Lock control	2 relay, Max. 30 VDC 2A
Door contact input	2
Supported TF Format	FAT32,exFAT
General	
Application environment	Outdoor
Button	13 physical button(s)
Installation	Surface mounting & Flush mounting
Weight	Without package: 550 g (1.21 lb),With package: 831g (1.83 lb)
Indicator	3
Protective level	IP66, IK08 (excluding the lens area and card reading area)
Working temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Storage temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	10% to 90% (no-condensing)
Battery	/
Dimension (W × H × D)	202.6 mm × 95.6 mm × 34.1 mm (7.98" × 3.76" × 1.34")

Power consumption	With Lock: < 20 W Without Lock: < 14 W
Power supply	12 VDC, 2 A,IEEE 802.3 at, standard PoE
Material	Rear Shell Material: Plastic Front Shell: Aluminum Alloy & Plastic Frame: Aluminum Alloy Viewing Window Panel Material: Plastic
Power Supply Output	Max. 12 VDC, 500mA
Language	English, Arabic, European French, Russian, European Spanish, Latin American Spanish, Italian, German, Polish, Turkish, Portuguese, Brazilian Portuguese, Uzbek, Kazakh, Czech, Hungarian, Dutch, Romanian, Bulgarian, Ukrainian, Croatian, Serbian, Greek, Lithuanian, Estonian, Latvian, Norwegian, Danish, Slovenian, Slovak, Hebrew, Swedish, Finnish, Mongolian, Vietnamese, Traditional Chinese
Ambient lighting	Support

▪ Dimension

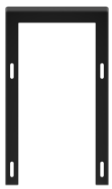
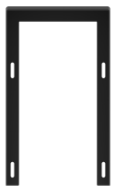


Unit:mm [inch]

SCALE	1:1

▪ Accessory

▪ **Optional**

DS-KABV8114-SG	DS-KABV8114-RS/S	DS-KABV8114-A	DS-KABV8114-G	DS-KABV8114-RS/F
				

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www.hikvision.com
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