# 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

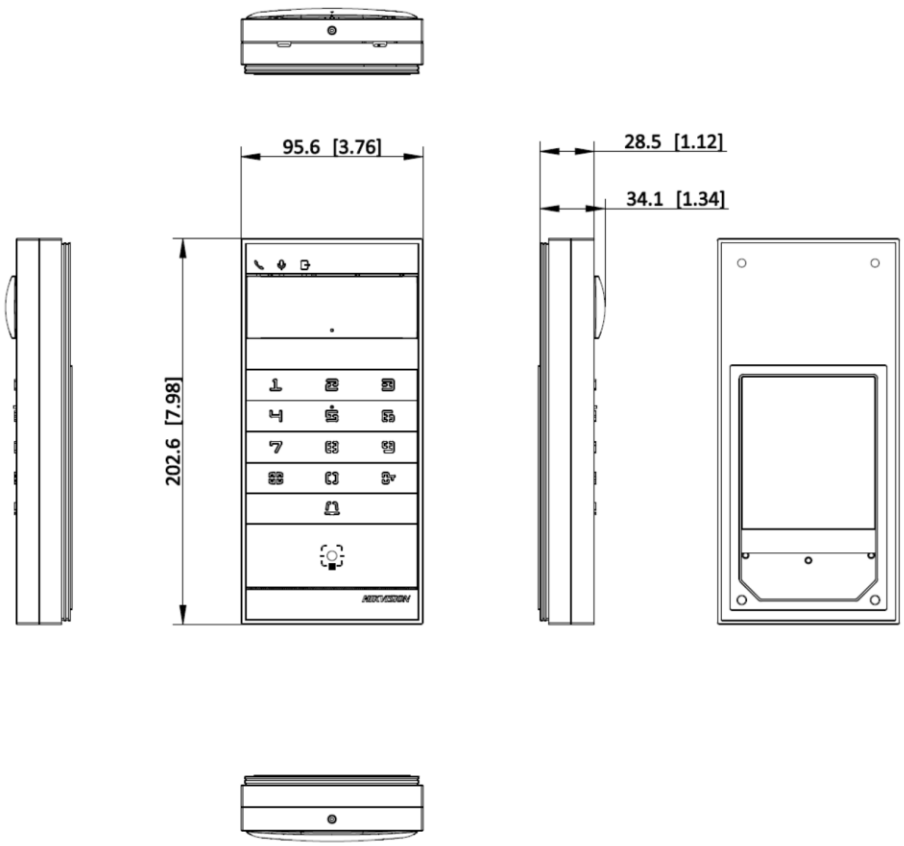
## ▪ Specification

| | |
|---|---|
| **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)<br>Sub stream: 2MP(1920x1080P), 1MP(1280x720P), 0.3MP(640x480P) |
| FOV | Center Lens: Horizontal: 180°; Vertical: 105°<br>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 |

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| Motion Detection | Support |
| Playback | Support |
| Call Elevator | Support |
| Smart Features | 1. Sound Classification Detection: Scream, Glass Breaking Sound, Crying Sound, Gunshot<br>Recommended Detection Distance: < 3 m<br>2. Portrait Centered<br>3. Perimeter Detection: Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection<br>Recommended Detection Distance: < 10 m<br>Supports Person and Vehicle Target Detection<br>4. Fall Down Detection<br>Recommended Detection Distance: < 5 m<br>5. Target Microphone<br>Pickup Range: Forward 60° Sector Area<br>Recommended Detection Distance: 0.5 m ~ 1 m<br>6. Smart Noise Reduction<br>Supports Common Steady-State and Non-Steady-State Street Noises<br>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 1A |
| 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 |
| Storage temperature | -30 °C to 60 °C (-22 °F to 140 °F) |
| Working temperature | -40 °C to 60 °C (-40 °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") |

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|---|---|
| Power consumption | With Lock: < 14 W<br>Without Lock: < 20 W |
| Power supply | 12 VDC, 2 A,IEEE 802.3 at, standard PoE |
| Material | Rear Shell Material: Plastic<br>Front Shell: Aluminum Alloy & Plastic<br>Frame: Aluminum Alloy<br>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

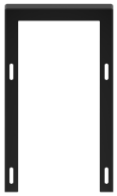
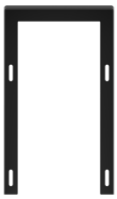



Unit:mm [inch]

| 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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|  |  |  |  |  |

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