# DS-KD8102-V
# Video Intercom Door Station

## Key Features

### Basic Functions

- Video intercom function
- Access control function
- Issues cards via door station, up to Max. 2500 cards, via outer door station, up to 50000 cards (This function will be invalid if the card has been issued via the client.)
- Card readers supported
- Self-adaptive visible light supplement

### Video/Audio Functions

- HD video surveillance with high performance CMOS
- Noise suppression and echo cancellation
- H.264 video compression
- Low illumination

### Remote Control

- Remote unlocking via the client or the app
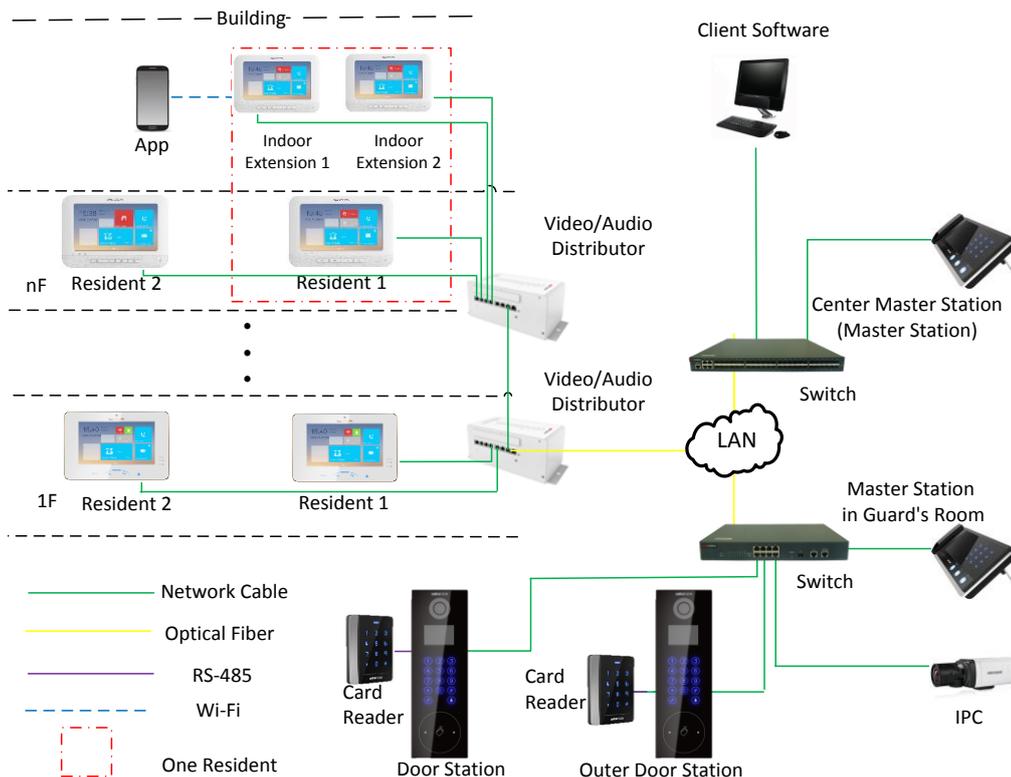- Remotely answering the call via the client or the app

### Alarm Functions

- Tampering alarm and door magnetic alarm supported
- Auto-uploads alarm messages to master station or the client once the duress code is entered to open the door

### Additional Features

- Message notification function
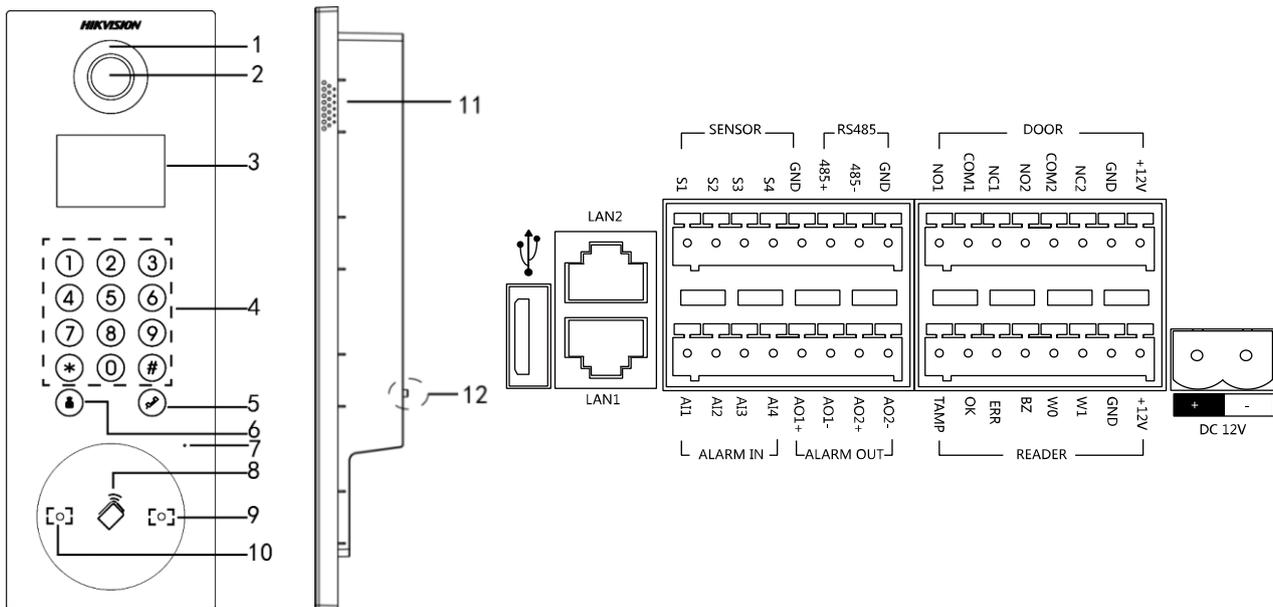- Auto-uploads captured pictures to FTP or the client

## Typical Application

# Specifications

| Model | | DS-KD8102-V |
|---|---|---|
| **System parameters** | **Processor** | High-Performance Embedded SOC Processor |
| | **Operation system** | Embedded Linux Operation System |
| **Video parameters** | **Camera** | CMOS Low Illumination 1.3 MP HD Colorful Camera |
| | **Video compression standard** | H.264 |
| | **Resolution** | 1280 × 720 |
| | **Video frame rate** | PAL: 25 fps, NTSC: 30 fps |
| **Display parameters** | **Display screen** | 3.5-Inch Colorful TFT LCD |
| | **Display resolution** | 480 × 320 |
| | **Operation method** | Capacitive Touch Keypad |
| | **Operation interface** | LCD Display, Easy Menu |
| **Audio parameters** | **Audio input** | Built-in Omnidirectional Microphone |
| | **Audio output** | Built-in Loudspeaker |
| | **Audio compression standard** | G.711 U |
| | **Audio compression rate** | 64 Kbps |
| | **Audio quality** | Noise Suppression and Echo Cancellation |
| **Access control parameters** | **Internal card reader** | Built-in IC Card Reader |
| | **External card reader** | Wiegand 26, Wiegand 34, or RS-485 IC Reader |
| | **Door magnetic detection** | Detects Door Magnetic Status |
| **IR human detection** | **Approaching detection** | Supporting IR Detection, Vertical Distance: from 60 cm to 80 cm |
| **Light supplement** | **Light supplement mode** | Visible Light Supplement |
| **Network parameters** | **Ethernet** | 10/100/1000 Mbps Self-Adaptive Ethernet |
| | **Network protocol** | TCP/IP, RTSP |
| **Alarm parameters** | **Alarm input** | Door Magnetic Alarm, Tampering Alarm |
| **Device interfaces** | **Network interface** | 1 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface |
| | **RS-485** | 1 RS-485 Half-Duplex Port |
| | **I/O input** | 8 |
| | **I/O output** | 4 |
| | **Wiegand** | 1 Wiegand Port for Accessing Wiegand IC Card Reader |
| | **USB** | 1 USB 2.0, Supporting U-Disk |
| **General** | **Material** | Plastic |
| | **Power supply** | 12 VDC |
| | **Power consumption** | ≤15 W |
| | **Working temperature** | -40° C to +70° C (-40° F to 158° F) |
| | **Working humidity** | 10% to 90% |
| | **IP protection level** | IP65 |
| | **Dimensions (L × W × H)** | 418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4") |
| | **Certification** | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE |

## Appearance and Interfaces



| Index | Description | Index | Description |
|-------|-------------|-------|-------------|
| 1 | Low Illumination Supplement Light | 7 | Microphone |
| 2 | Built-in Camera | 8 | Card Induction Area |
| 3 | LCD Display Screen | 9 | IR Emission |
| 4 | Numeric Keypad | 10 | IR Receiver |
| 5 | Call Key | 11 | Loudspeaker |
| 6 | Call Center Key | 12 | TAMPER |

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## Available Model

DS-KD8102-V