



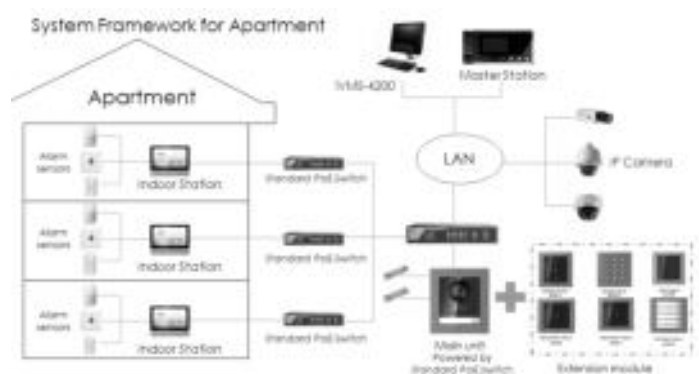
## Key Feature

- 2 MP HD video intercom function
- Access control function
- Noise suppression and echo cancellation
- Low illumination
- Tampering alarm supported
- Fisheye camera with IR supplement light
- Supports sub-modules' access (max. 7)
- Nametag customization
- Easy to and extend

## Approval

|             |                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------|
| CE-EMC      | a. EN 55032:2015                                                                                                    |
|             | b. EN 61000-3-2:2014                                                                                                |
|             | c. EN 61000-3-3:2013                                                                                                |
|             | d. EN 50130-4:2011 +A1:2014                                                                                         |
| CE-LVD      | EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013                                                           |
| CB          | IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013                                                           |
| FCC-SDOC    | 47 CFR Part 15, Subpart B                                                                                           |
| C-TICK(EMC) | AS/NZS CISPR 32:2015                                                                                                |
| UL          | UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07, Information Technology Equipment – Safety – Part 1: General Requirements |
| ROHS        | 2011/65/EU                                                                                                          |
| REACH       | Regulation (EC) No 1907/2006                                                                                        |
| WEEE        | 2012/19/EU                                                                                                          |

## Typical Application



## Specification

### System parameters

|                  |                                 |
|------------------|---------------------------------|
| Processor        | Embedded MCU Processor          |
| Operation system | Embedded Linux operation system |
| Operation method | Physical button                 |

### Video Parameters

|                            |                                                     |
|----------------------------|-----------------------------------------------------|
| Camera                     | Low illumination 2 MP HD IR camera                  |
| Video Compression Standard | H.264                                               |
| Resolution                 | Main stream : 1920 × 1080<br>Sub stream : 720 × 480 |
| BLC                        | Supported                                           |
| DNR                        | Supported                                           |
| WDR                        | Supported                                           |
| Anti-flicker               | 50 Hz, 60 Hz                                        |
| Field of view              | Horizontal: 180° Vertical: 96°                      |

### Audio parameters

|              |                                                     |
|--------------|-----------------------------------------------------|
| Audio input  | Built-in omnidirectional microphone                 |
| Audio output | Built-in loudspeaker (More than 85 dB within 20 cm) |

|                            |                                         |
|----------------------------|-----------------------------------------|
| Audio compression standard | G.711 U                                 |
| Audio compression Rate     | 64 Kbps                                 |
| Audio quality              | Noise suppression and echo cancellation |

### Light supplement

|                       |               |
|-----------------------|---------------|
| Light supplement mode | IR supplement |
|-----------------------|---------------|

### Network parameters

|                  |                                    |
|------------------|------------------------------------|
| Ethernet         | 10/100 Mbps self-adaptive Ethernet |
| Network protocol | TCP/IP, RSTP                       |

### Alarm parameters

|                 |   |
|-----------------|---|
| Tampering alarm | 1 |
|-----------------|---|

### Interfaces

|                    |                            |
|--------------------|----------------------------|
| Module-connecting  | 1                          |
| Door contact input | 2                          |
| Exit button input  | 2                          |
| I/O input          | 4                          |
| Debug              | 1                          |
| Door control       | 2, breakdown voltage: 36 V |

### Performances

|                         |            |
|-------------------------|------------|
| Card capacity           | Max. 10000 |
| User capacity           | Max. 2000  |
| Linked Indoor station   | Max. 500   |
| Linked sub door station | Max. 16    |

|                  |                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------|
| Linked doorphone | Max. 8                                                                                            |
| Protocol         | ISAPI, RTSP, STMP, SNMP                                                                           |
| Unlock door      | Unlock by presenting cards, unlock via Client Software, unlock via App, unlock via indoor station |

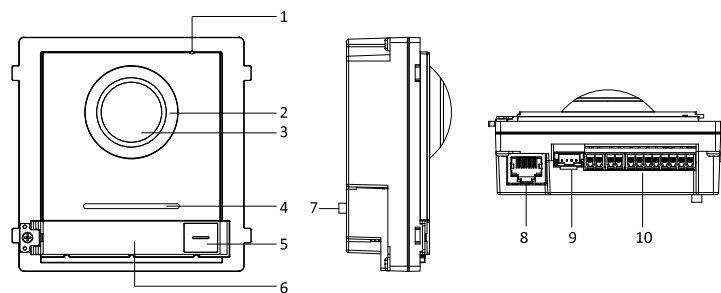
### General

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Physical button     | 1                                                   |
| Power supply        | 12 VDC/PoE (IEEE 802.3af)                           |
| Power consumption   | 4 W                                                 |
| Working temperature | -40° C to +55° C (-40° F to 131° F)                 |
| Working humidity    | 10% to 95%                                          |
| Installation        | Flush mounting, surface mounting                    |
| Dimension           | 98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")   |
| Weight              | 554 g (with packaging)<br>375 g (without packaging) |

## Available Model

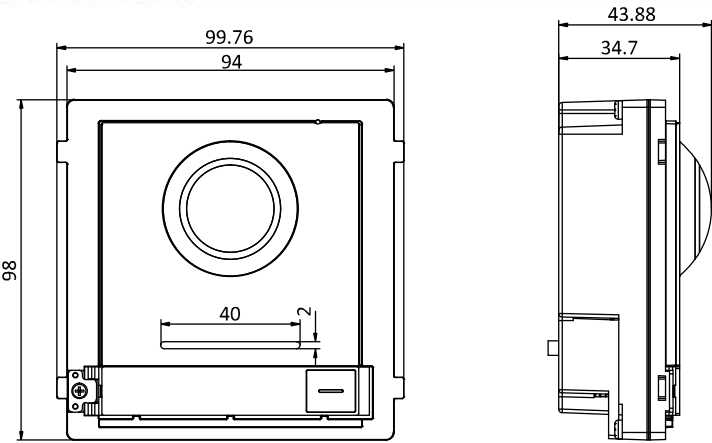
DS-KD8003-IME1

## Appearance and Interfaces



| No. | Description                          | No. | Description                          |
|-----|--------------------------------------|-----|--------------------------------------|
| 1   | Microphone                           | 6   | Nametag                              |
| 2   | Low Illumination IR Supplement Light | 7   | TAMPER                               |
| 3   | Built-in Camera                      | 8   | Network Interface                    |
| 4   | Loudspeaker                          | 9   | Module-connecting Interface (output) |
| 5   | Call Button                          | 10  | Terminals                            |

## Dimension

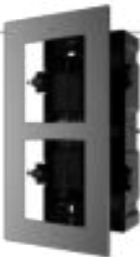


Accessory

Optional



DS-KD-ACF1/Plastic



DS-KD-ACF2/Plastic



DS-KD-ACF3/Plastic



DS-KD-ACW1



DS-KD-ACW2



DS-KD-ACW3

Distributed by

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