

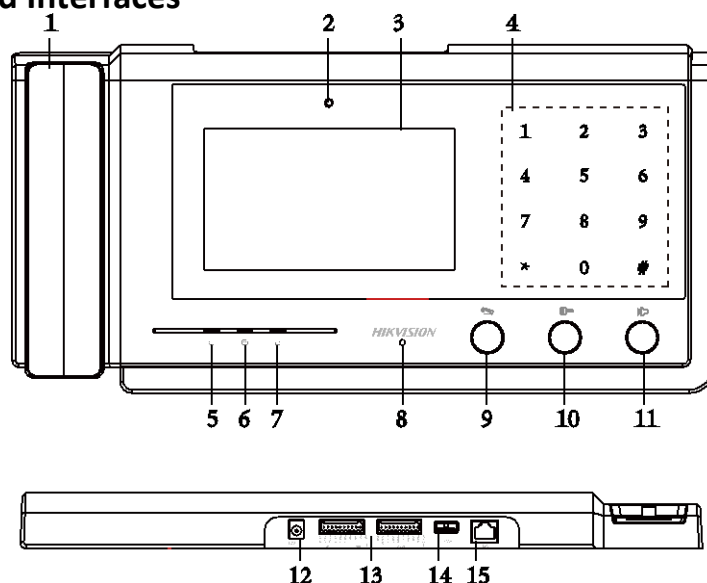
- ## Typical Application



## Specifications

|                           |                                   |                                                           |
|---------------------------|-----------------------------------|-----------------------------------------------------------|
| <b>Model</b>              |                                   | <b>DS-KM8301</b>                                          |
| <b>System parameters</b>  | <b>Processor</b>                  | High-Performance Embedded SOC Processor                   |
|                           | <b>Operation system</b>           | Embedded Linux Operation System                           |
| <b>Video parameters</b>   | <b>Camera</b>                     | CMOS 0.3 MP                                               |
|                           | <b>Video compression standard</b> | H.264                                                     |
|                           | <b>Resolution</b>                 | 1280 x 720, 704 x 576                                     |
|                           | <b>Video frame rate</b>           | 25 fps, 12.5 fps                                          |
| <b>Display parameters</b> | <b>Display screen</b>             | 7-Inch Colorful TFT LCD                                   |
|                           | <b>Display resolution</b>         | 1024 × 600                                                |
|                           | <b>Operation method</b>           | Capacitive Touch Screen, Touch Key, Physical Button       |
|                           | <b>Operation interface</b>        | Flattened UI Operation Interface                          |
| <b>Audio parameters</b>   | <b>Audio input</b>                | Built-in Omnidirectional Microphone + External Handset    |
|                           | <b>Audio output</b>               | Built-in Loudspeaker + External Handset                   |
|                           | <b>Audio compression standard</b> | G.711 U                                                   |
|                           | <b>Audio compression rate</b>     | 64 Kbps                                                   |
|                           | <b>Audio quality</b>              | Noise Suppression and Echo Cancellation                   |
| <b>Network parameters</b> | <b>Ethernet</b>                   | 10/100/1000 Mbps Self-Adaptive Ethernet                   |
|                           | <b>Network protocol</b>           | TCP/IP, RTSP                                              |
| <b>Device interfaces</b>  | <b>Network interface</b>          | 1 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface |
|                           | <b>RS-485</b>                     | 2 RS-485 Half-Duplex Port                                 |
|                           | <b>USB</b>                        | 1 USB Interface for Inserting U-Disk                      |
|                           | <b>I/O input</b>                  | 4 On-Off Input                                            |
|                           | <b>I/O output</b>                 | 2 On-Off Output, 2 Relay Output                           |
| <b>General</b>            | <b>Material</b>                   | Plastic                                                   |
|                           | <b>Power supply</b>               | 12 VDC                                                    |
|                           | <b>Power consumption</b>          | ≤10 W                                                     |
|                           | <b>Working temperature</b>        | -10° C to + 55° C (14° F to 131° F)                       |
|                           | <b>Working humidity</b>           | 10% to 90%                                                |
|                           | <b>Dimensions (L × W × H)</b>     | 436 mm × 215 mm × 67 mm (17.2" × 8.5" × 2.6")             |
|                           | <b>Certification</b>              | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE                    |

## Appearance and Interfaces



| Index | Description           | Index | Description           |
|-------|-----------------------|-------|-----------------------|
| 1     | Phone                 | 9     | Accept/Decline Button |
| 2     | Built-in Camera       | 10    | Unlock Button         |
| 3     | LCD Display Screen    | 11    | Speaker Button        |
| 4     | Dial Keypad           | 12    | 12 VDC Power Supply   |
| 5     | Information Indicator | 13    | Terminals             |
| 6     | Alarm Indicator       | 14    | USB Interface         |
| 7     | Alarm Indicator       | 15    | Network Interface     |
| 8     | Microphone            |       |                       |

Distributed by

## Available Model

DS-KM8301

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