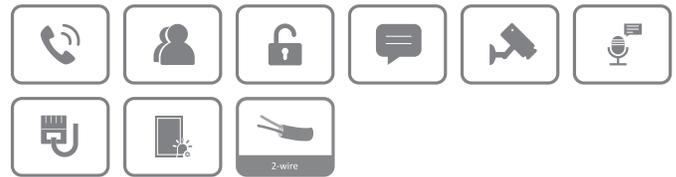


DHI-VTH8642KMS-W

2-wire IP & Wi-Fi Indoor Monitor



- Elegant alluminum alloy design.
- Built-in Linux OS.
- 10" capacitive touch screen, 1024 × 600.
- Displays the camera's image when it receives a call from the door station.
- 6-channel wired alarm zone.
- Sends messages to the management center.
- Wi-Fi connection.
- High-performance speaker and microphone that produces high-quality voice calls.
- 2-wire digital communication.
- H.265 and H.264 video decoding.
- Customizable Do Not Disturb mode.



Technical Specification

System

| | |
|------------------|---------------------------------|
| Main Processor | Embedded processor |
| Operating System | Embedded Linux operating system |
| Interoperability | ONVIF; SDK |
| Network Protocol | RTSP; RTP; SIP; DNS; SSH |

Basic

| | |
|-------------------|------------------------|
| Screen Type | Capacitive touchscreen |
| Display | 10" TFT |
| Screen Resolution | 1024 × 600 |
| Audio Compression | G.711a; G.711u; PCM |
| Audio Input | 1 |
| Audio Output | Built-in speaker |
| Audio Mode | 2-way Audio |
| Audio Enhancement | Echo suppression |
| Audio Bit Rate | 16 kHz; 16 bit |

Function

| | |
|---------------------|---|
| Communication Mode | Digital 2-wire |
| Information Release | Receive and view text information released by the management center |
| Leave Videos | Yes (insert an SD card into the indoor monitor) |
| DND Mode | Do not disturb period can be set; Do not disturb mode |

| | |
|------------------------------|--|
| Number of Extensions | Villa: 3 Apartment: 2 Wi-Fi intercom: 1 main monitor, 2 extension monitors |
| Wi-Fi | Yes |
| Wireless Standard | IEEE802.11b/802.11g/802.11n |
| Wireless Frequency Range | 2,412–2,472 MHz |
| Wireless Security Encryption | WPA/WPA2; WPA-PSK/WPA2-PSK |
| Storage | Micro SD card (up to 64 GB) |

Performance

| | |
|--------|-------|
| Casing | Metal |
|--------|-------|

Alarm

| | |
|-----|-----|
| SOS | Yes |
|-----|-----|

Port

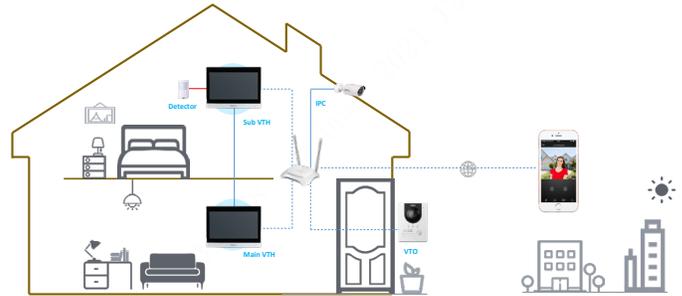
| | |
|--------------|--|
| RS-485 | 1 |
| Alarm Input | 6 |
| Alarm Output | 1 |
| Door Bell | Yes (use any alarm input port) |
| Network | One two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected) |

General

| | |
|--------------|---------------|
| Color | Silver |
| Power Supply | 48 VDC 1.25 A |

| | |
|-----------------------|---|
| Installation | Surface Mount |
| Certifications | CE; FCC |
| Dimensions | 250 mm × 190 mm × 23.5 mm (9.84" × 7.48" × 0.93") |
| Operating Temperature | -10°C to +55°C (+14°F to 131°F) |
| Operating Humidity | 10%–95% RH (non-condensing) |
| Operating Altitude | Beneath 3000 m (9842.52 ft) |
| Power Consumption | Standby ≤ 3 W; working ≤ 7 W |
| Net Weight | 0.67 kg (1.47 lb) |
| Gross Weight | 0.85 kg (1.87 lb) |

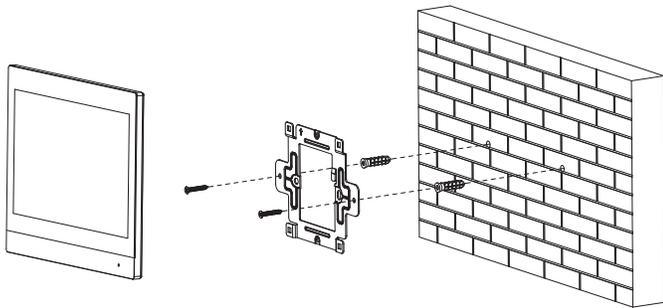
Application



Ordering Information

| Type | Model | Description |
|-------------------|------------------|----------------------------------|
| IP Indoor Monitor | DHI-VTH8642KMS-W | 2-wire IP & Wi-Fi Indoor Monitor |

Installation



Dimensions (mm[inch])

