

DHI-VTH8642KMS-W

2-wire & WiFi 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 SOS messages to the management center.
- Wi-Fi connection.
- High-performance speaker and microphone that produces high-quality voice calls.
- 2-wire digital communication.
- Customizable Do Not Disturb mode.

| Note of the section | Customizable Do Not Disturb mode. | | |
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| NumberInterferWireless Frequency Range2.4 GHzWireless Security EncryptionWPA/WPA2; WPA-PSK/WPA2-PSKStorageMicro SD card (up to 64 GB)PerformanceCasingCasingMetalAlarmSOSYesPortRS-4851Alarm Output6Alarm Output1Door BellYes (use any alarm input port)GeneralSiliverColorSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | | | |
| Wireless Security EncryptionWPA/WPA2; WPA-PSK/WPA2-PSKStorageMicro SD card (up to 64 GB)PerformanceCasingAlarmMetalSOSYesPortPortRS-4851Alarm Input6Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSilverPower Supply48 VDC 1.25 AInstallationCc; FCC | Wireless Standard | IEEE802.11b/802.11g/802.11n | |
| StorageMicro SD card (up to 64 GB)PerformanceCasingMetalAlarmSOSYesPortRS-4851Alarm Input6Alarm Output1Dor BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | Wireless Frequency Range | 2.4 GHz | |
| PerformanceCasingMetalAlarmSOSSOSYesPortIRS-4851Alarm Input6Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | Wireless Security Encryption | WPA/WPA2; WPA-PSK/WPA2-PSK | |
| CasingMetalAlarmSOSYesPortRS-4851Alarm Input6Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | Storage | Micro SD card (up to 64 GB) | |
| AlarmSOSYesPortRS-4851Alarm Input6Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | Performance | | |
| SOSYesPortRS-4851Alarm Input6Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverColorSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | Casing | Metal | |
| PortRS-4851Alarm Input6Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverColorSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | Alarm | | |
| RS-4851Alarm Input6Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverColorSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | SOS | Yes | |
| Alarm Input6Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverColorSiliverPower Supply48 VDC 1.25 AInstallationCE; FCC | Port | | |
| Alarm Output1Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverColorSiliverPower Supply48 VDC 1.25 AInstallationSurface mountCertificationsCE; FCC | RS-485 | 1 | |
| Door BellYes (use any alarm input port)NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverColorSiliverPower Supply48 VDC 1.25 AInstallationSurface mountCertificationsCE; FCC | Alarm Input | 6 | |
| NetworkOne two-wire port and one 10Mbps/100Mbps Ethernet port (one of them can be selected)GeneralSiliverColorSiliverPower Supply48 VDC 1.25 AInstallationSurface mountCertificationsCE; FCC | Alarm Output | 1 | |
| Network Ethernet port (one of them can be selected) General Color Siliver Power Supply 48 VDC 1.25 A Installation Surface mount Certifications CE; FCC | Door Bell | Yes (use any alarm input port) | |
| ColorSiliverPower Supply48 VDC 1.25 AInstallationSurface mountCertificationsCE; FCC | Network | | |
| Power Supply 48 VDC 1.25 A Installation Surface mount Certifications CE; FCC | General | | |
| Installation Surface mount Certifications CE; FCC | Color | Siliver | |
| Certifications CE; FCC | Power Supply | 48 VDC 1.25 A | |
| | Installation | Surface mount | |
| | Certifications | CE; FCC | |
| Accessory Bracket and alarm ribbon cable (included) | Accessory | Bracket and alarm ribbon cable (included) | |

Technical Specification

| System | | |
|----------------------|---------------------------------------------------------------------|--|
| Main Processor | Embedded processor | |
| Operating System | Embedded Linux operating system | |
| Network Protocol | RTSP; RTP; SIP; DNS; SSH | |
| Basic | | |
| Screen Type | Capacitive touchscreen | |
| Display | 10" TFT | |
| Screen Resolution | 1024 × 600 | |
| Audio Compression | G.711a; G.711Mu; G.711u | |
| 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 | Yes | |

VTH8 Series | DHI-VTH8642KMS-W

| 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 \leq 3 W; working \leq 7 W | |
| Net Weight | 0.67 kg (1.47 lb) | |
| Gross Weight | 0.85 kg (1.87 lb) | |

Ordering Information

| Туре | Model | Description |
|-------------------|------------------|------------------------------|
| IP Indoor Monitor | DHI-VTH8642KMS-W | 2-wire & WiFi Indoor Monitor |

Installation



Dimensions (mm[inch])





Application