

# DHI-KTP05(S)

## Video Intercom KIT



- Highly durable and elegant, it is made of aluminum panel, and has a mechanical keypad.
- 2MP HD camera.
- Supports 5,000 users and 10,000 cards.
- Supports multiple unlock methods including password, IC card, and unlocks remotely.
- Connects card readers and controllers through Wiegand.
- Provides 12 VDC, 600 mA power.
- IP65 rated (silicone sealant is required for the shell, see the quick start guide).
- IK08 rated.
- Standard PoE power supply (if the VTO device with 12 V power output needs to charge the load, it should be connected to a PSE switch that complies with the 802.3.at standard).
- 7" TFT capacitive touch screen, 1024 × 600.
- 6-channel alarm input and 1-channel alarm output.
- Standard PoE. Door station and IPC monitor.
- H.265 and H.264 video decoding.
- High performance and cost-effective.

### Functions

#### Video Intercom

Video intercom can be used with the Indoor Monitor (VTH), Master Station (VTS) and app.

### Technical Specification

|                  |  |
|------------------|--|
| Model            | DHI-VTO3222E-P                           |
| System(VTO)      |  |
| Main Processor   | Embedded Processor                       |
| Operating System | Embedded Linux OS                        |
| Button Type      | Mechanical                               |
| Interoperability | ONVIF                                    |
| Network Protocol | SIP; P2P; IPv4; DNS; RTSP; RTP; TCP; UDP |

#### Basic(VTO)

|                    |  |
|--------------------|--|
| Camera             | 1/2.9" 2 MP CMOS   |
| Field of View      | H: 140°, V: 80°, D: 160°   |
| WDR                | 120 dB   |
| Noise Reduction    | 3D NR  |
| Video Compression  | H264, H265   |
| Video Resolution   | Main stream: 720p, WVGA, D1, CIF<br>Sub stream: 1080p, WVGA, D1, QVGA, CIF |
| Video Frame Rate   | 25 fps   |
| Light Compensation | Auto white light   |
| Day/Night          | Color/B/W  |
| Audio Compression  | G.711a, G.711u, PCM  |
| Audio Input        | 1  |
| Audio Output       | Built-in speaker   |
| Audio Mode         | Two-way audio  |



|                   |   |
|-------------------|---|
| Audio Enhancement | Echo suppression, digital noise reduction |
| Audio Bit Rate    | 16 KHz, 16 bit                            |

#### Function(VTO)

|                    |   |
|--------------------|---|
| Communication Mode | 2-wire  |
| Unlock Mode        | Card; password; remote unlock                                   |
| Card Type          | Mifare card   |
| Auto Snapshot      | Yes (SD card is inserted in the indoor monitor or door station) |
| Leave Videos       | Yes (SD card is inserted in the indoor monitor or door station) |
| Storage            | Supports Micro SD card (up to 256 GB)                           |
| Web Configuration  | Yes   |

#### Performance(VTO)

|                       |                      |
|-----------------------|----------------------|
| Card Reading Distance | 0 cm–3 cm (0"–1.18") |
| Casing Material       | Aluminum alloy       |

## Capacity(VTO)

|               |       |
|---------------|-------|
| Card Capacity | 10000 |
|---------------|-------|

## Port(VTO)

|              |  |
|--------------|--|
| RS-485       | 1  |
| Wiegand      | 1  |
| Alarm Input  | 1  |
| Alarm Output | 1  |
| Power Output | 1 (12 V, 600 mA)                         |
| Door Bell    | 1  |
| Exit Button  | 1  |
| Lock Control | 1, normally closed by default            |
| Network Port | 1 × RJ-45, 10 Mbps/100 Mbps network port |

## Alarm(VTO)

|              |     |
|--------------|-----|
| Tamper Alarm | Yes |
|--------------|-----|

## General(VTO)

|                       |  |
|-----------------------|--|
| Appearance Color      | Silver   |
| Power Supply          | 48 VDC, 0.4 A;<br>PoE (802.3af/at)   |
| Power Adapter         | Optional   |
| Installation          | Surface mount (The surface mount kit comes with the surface mount bracket) |
| Certifications        | CE   |
| Product Dimensions    | 200.0 mm × 98.0 mm × 35.4 mm (7.87" × 3.86" × 1.39")                       |
| Protection            | IK08, IP65 (Silicone sealant is needed, see the quick start guide)         |
| Operating Temperature | -40 °C to +60 °C (-40 °F to +140°F)  |
| Operating Humidity    | 10%–95% (RH), non-condensing   |
| Operating Altitude    | Beneath 3000 m (9842.52 ft)  |
| Operating Environment | Outdoor  |
| Power Consumption     | ≤5 W (standby), ≤7 W (working)   |
| Gross Weight          | 692 g (1.53 lb)  |
| Storage Humidity      | 30%–75% (RH)   |
| Storage Temperature   | 0 °C to +40 °C (+32 °F to +104 °F)   |

|       |                  |
|-------|------------------|
| Model | DHI-VTH2621GW-WP |
|-------|------------------|

## System (VTH)

|                  |                          |
|------------------|--------------------------|
| Main Processor   | Embedded Processor       |
| Operating System | Embedded Linux OS        |
| Network Protocol | RTSP; DNS; RTP; SIP; SSH |

## Basic (VTH)

|                   |                        |
|-------------------|------------------------|
| Screen Type       | Capacitive Touchscreen |
| Display Screen    | 7" TFT                 |
| Screen Resolution | 1024 (H) × 600 (V)     |
| Audio Compression | G.711a; G.711u; PCM    |
| Audio Input       | 1                      |
| Audio Output      | Built-in speaker       |
| Audio Mode        | Two-way audio          |
| Audio Enhancement | Echo suppression       |
| Audio Bit Rate    | 16 KHz; 16 bit         |

## Function (VTH)

|                      |   |
|----------------------|---|
| Communication Mode   | Full digital  |
| Information Release  | Receive and view text information released by the management center |
| Leave Videos         | Yes (SD card inserted in VTH is needed)                             |
| DND Mode             | Do not disturb period can be set                                    |
| Number of Extensions | Villa: 9 extensions;<br>Apartment: 4 extensions                     |

## Port (VTH)

|              |                                     |
|--------------|-------------------------------------|
| Alarm Input  | 6                                   |
| Alarm Output | 1                                   |
| Door Bell    | Yes (reuse the alarm input port)    |
| Network Port | 1 × RJ-45 10/100 Mbps Ethernet port |

## Performance (VTH)

|                 |          |
|-----------------|----------|
| Casing Material | PC + ABS |
|-----------------|----------|

## General (VTH)

|                       |   |
|-----------------------|---|
| Appearance Color      | White   |
| Power Supply          | 12 VDC, 1 A;<br>Standard PoE                          |
| Power Adapter         | Optional  |
| Installation          | Surface Mount   |
| Certifications        | CE  |
| Accessory             | Bracket and alarm ribbon cable (included)             |
| Product Dimensions    | 189.6 mm × 134.6 mm × 26.0 mm (7.50" × 5.30" × 1.00") |
| 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)                           |
| Operating Environment | Indoor  |
| Power Consumption     | ≤2 W (standby), ≤6 W (working)                        |
| Gross Weight          | 575 g (1.27 lb)                                       |

# Video Intercom KIT | DHI-KTP05(F)

|                     |                                    |
|---------------------|------------------------------------|
| Storage Temperature | 0 °C to +40 °C (+32 °F to +104 °F) |
| Storage Humidity    | 30%–75% (RH)                       |

|       |                   |
|-------|-------------------|
| Model | DH-PFS3006-4ET-36 |
|-------|-------------------|

## System (Networking Device)

|                |                    |
|----------------|--------------------|
| Main Processor | Embedded Processor |
|----------------|--------------------|

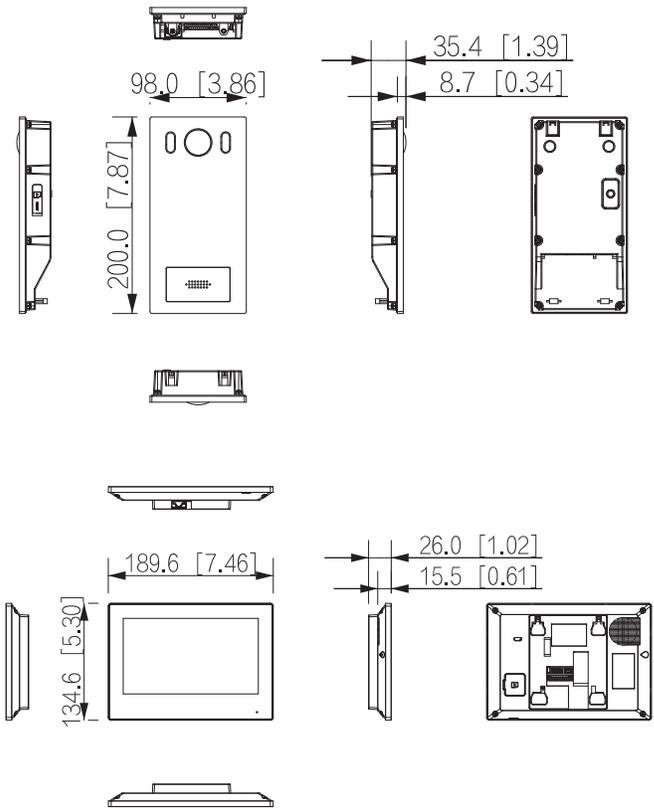
## Port (Networking Device)

|              |  |
|--------------|--|
| Network Port | 4 × PoE ports with 10/100 Mbps Base-TX 2 uplink ports with 10/100 Mbps Base-TX |
|--------------|--|

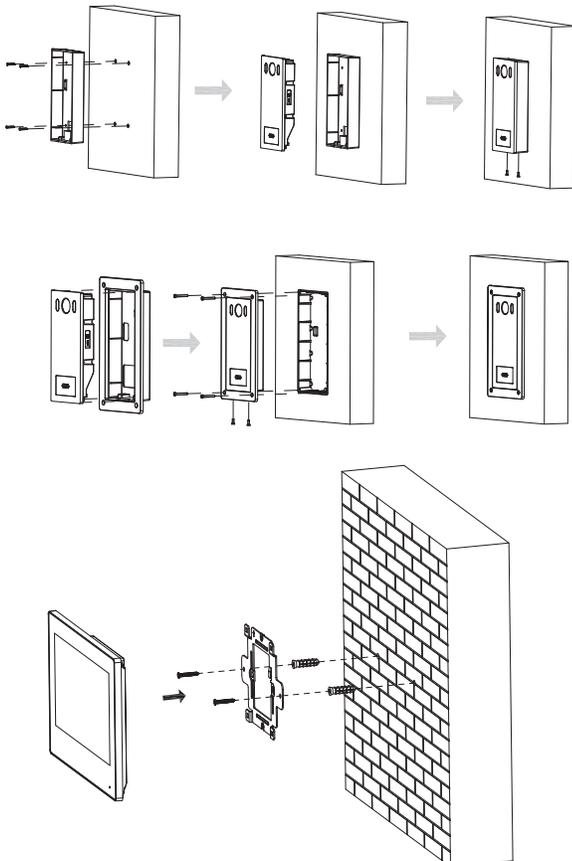
## General (Networking Device)

|                       |   |
|-----------------------|---|
| Power Supply          | Built-in power supply: 100–240 VAC                                |
| Certifications        | CE; FCC   |
| Product Dimensions    | 194.0 mm × 108.1 mm × 35.0 mm (7.64" × 4.26" × 1.38") (L × W × H) |
| Operating Temperature | –10 °C to +55 °C (+14 °F to +131 °F)                              |
| Operating Humidity    | 10%–90% (RH), non-condensing                                      |
| Power Consumption     | Idling: 0.5 W;<br>Full load: 36 W                                 |
| Gross Weight          | 1.11 kg (2.15 lb)   |

## Dimensions (mm[inch])



## Installation



## Application

