

# DHI-VTO2023S

## 2-wire Hybrid Villa Door Station



EACH

### Technical Specification

#### System

Main Processor	Embedded Processor
Button Type	Mechanical

#### Basic

Camera	1/2.8" 2 MP CMOS HDR Camera
Field of View	H: 84°; V: 43°; D: 99°
WDR	DWDR
Noise Reduction	3D NR
Video Resolution	P: 960 (H) × 576 (V) N: 960 (H) × 480 (V)
Video Frame Rate	P: 25 fps N: 30 fps
Light Compensation	Auto IR
Day/Night	Auto(ICR)/Color/B/W
Audio Input	1 channel
Audio Output	Built-in speaker
Audio Mode	Two-way audio (half-duplex)

#### Function

Unlock Mode	IC card; password; remote unlock
Card Type	IC card
Leave Videos	Yes (SD card inserted in VTH is needed)

#### Performance

Card Reading Distance	0 cm-2 cm
Issue Card Locally	Yes
Casing Material	Aluminum alloy

- Aluminum alloy front panel.
- Offers video intercom that communicates with VTOs through half-duplex.
- Auto IR illumination.
- Supports leaving audio and video messages when no one responds through the indoor monitor (an SD card is required).
- Includes the nameplate.
- Digital Wide Dynamic Range (DWDR).
- Supports local lock and second lock.
- Tamper alarm.
- IP65 and IK08 rated.
- Features 3 unlock methods: IC card, password and remote unlock.
- Keypad with Braille.



#### Capacity

Card Capacity	100
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#### Port

RS-485	1
Alarm Output	1
Power Output	1 (12 V, 500 mA)
Exit Button	1
Door Status Detection	1
Lock Control	1

#### Alarm

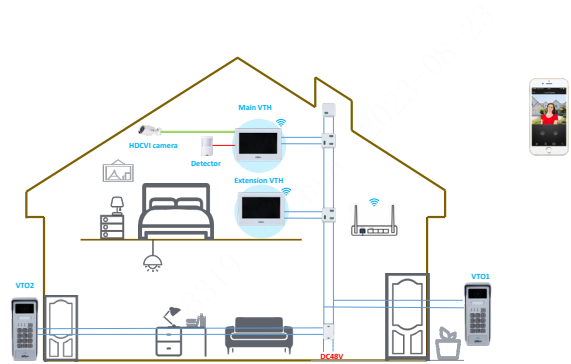
Tamper Alarm	Yes
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#### General

Unlock Password Mode	Personal password
Appearance Color	Silvery white
Power Supply	2-wire Controller
Power Adapter	Optional
Installation	Surface Mount
Certifications	CE
Accessory	Sold separately: 2-wire controller
Product Dimensions	205.8 mm × 85.3 mm × 46.5 mm (8.10" × 3.36" × 1.83")

Protection	IP65 IK08
Operating Temperature	-40 °C to +60°C (-40 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Environment	Outdoor
Operating Altitude	0 m–3000 m (0 ft – 9842.52 ft)
Power Consumption	≤ 2 W (standby), ≤ 12 W (working)
Gross Weight	978 g (2.16 lb)
Anti-corrosion Level	Basic Protection

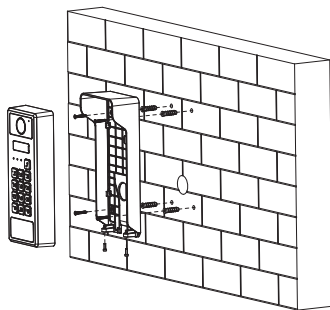
**Application**



**Ordering Information**

Type	Model	Description
VTO	DHI-VTO2023S	2-wire Hybrid Villa Door Station
Accessories	VTNC1003C	2-wire Controller (sold separately)

**Installation**



**Dimensions (mm[inch])**

