

DHI-VTO4103F-I1

2-wire Hybrid Modular Apartment Door Station



EACH

- Induction loop for people with hearing impairments.
- CMOS low illumination 2MP HD colorful 168.6° camera.
- Supports 2-wire communication.
- Modules make the device with great expansibility.
- Supports surface and flush mount.



Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded Linux operating system
Button Type	Mechanical

Basic

Camera	1/2.9" 2 MP CMOS
Field of View	H: 168.6°; V: 87.1°; D: 176.7°
WDR	120 dB
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)
Audio Enhancement	Echo suppression/digital noise reduction

Function

Communication Mode	Analog 2-wire
Unlock Mode	IC card; ID card; password; fingerprint; remote unlock (A sub-module must be connected to the main module for the first 4 methods)
Leave Videos	Yes (SD card inserted in VTH is needed)

Performance

Casing Material	PC + 10% GF
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Port

RS-485	1
Alarm Output	1 channel
Power Output	1 channel, 12 V, 1 A
Exit Button	1 channel
Door Status Detection	1 channel
Lock Control	1 channel

Alarm

Tamper Alarm	Yes
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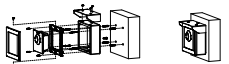
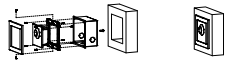
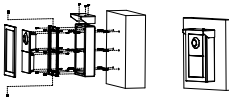
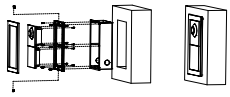
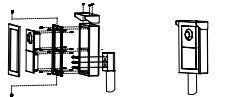
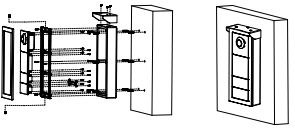
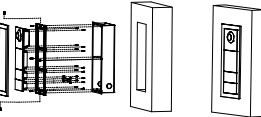
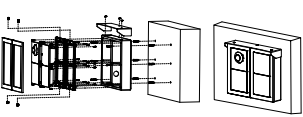
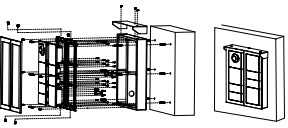
General

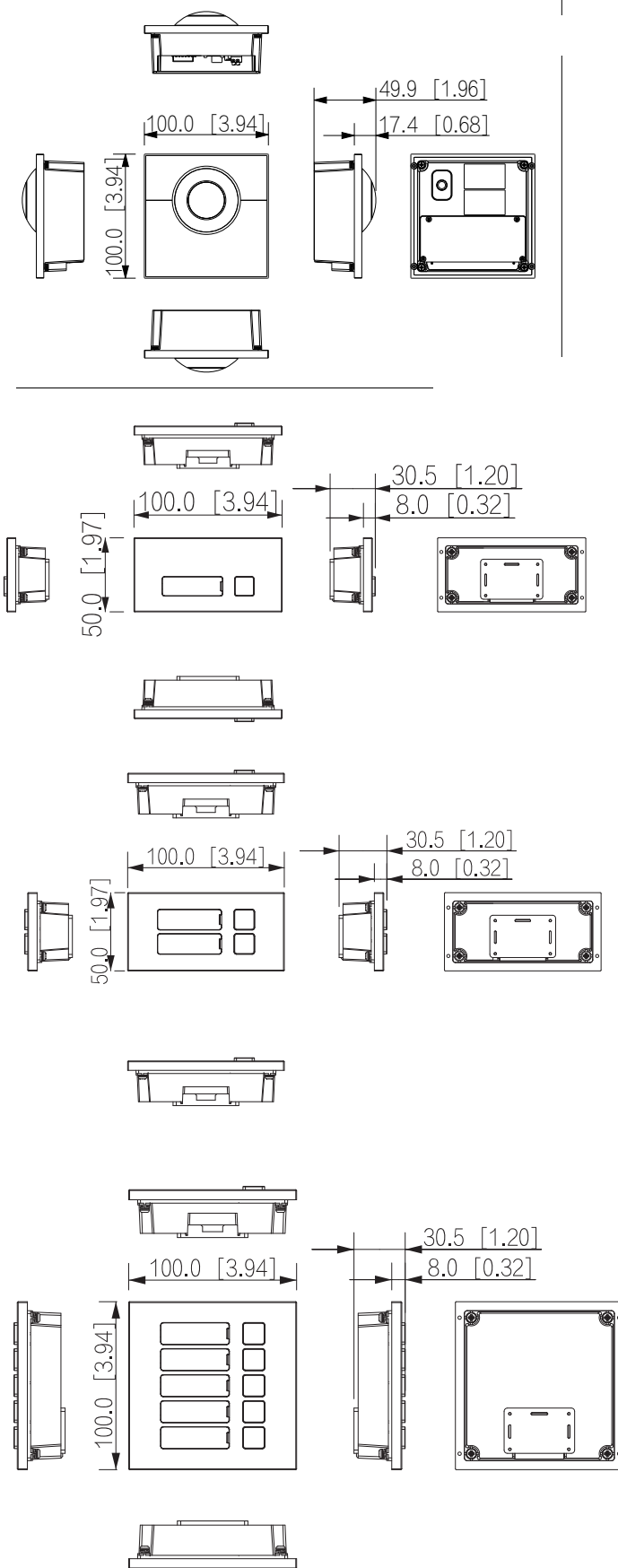
Appearance Color	Silver
Power Supply	2-wire controller
Installation	Flush Mount; Surface Mount
Certifications	CE
Accessory	Surface mount box (optional), flush mount box (optional), panel (optional)
Product Dimensions	100.0 mm × 100.0 mm × 49.9 mm (3.94" × 3.94" × 1.96") (H × W × D)
Protection	IP65
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Humidity	10%~90%
Operating Environment	Outdoor
Operating Altitude	0 m~3,000 m (0 ft~9,842.52 ft)
Power Consumption	≤4 W (standby), ≤12 W (working)
Gross Weight	0.41 kg (0.90 lb)

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Ordering Information		
Type	Model	Description
Modules	DHI-VTO4103F-I1	Camera module
	DHI-VTO4103F-MB1	One-button module
	DHI-VTO4103FB-MB1	One-button module(Black)
	DHI-VTO4103F-MB2	Two-button module
	DHI-VTO4103FB-MB2	Two-button module(Black)
	DHI-VTO4103F-MB5	Five-button module
	DHI-VTO4103FB-MB5	Five-button module(Black)
	DHI-VTO4103F-ML	Indicator module
	DHI-VTO4103FB-ML	Indicator module(Black)
	DHI-VTO4103F-MK	Keyboard module
	DHI-VTO4103FB-MK	Keyboard module(Black)
	DHI-VTO4103F-MF	Fingerprint module
	DHI-VTO4103FB-MF	Fingerprint module(Black)
	DHI-VTO4103F-MR	Card swiping module(IC)
	DHI-VTO4103FB-MR	Card swiping module(IC)(Black)
	DHI-VTO4103F-MR1	Card swiping module(ID)
	DHI-VTO4103FB-MR1	Card swiping module(ID)(Black)
	DHI-VTO4103F-MI	Info module
	DHI-VTO4103FB-MI	Info module(Black)
	DHI-VTO4103F-MN	Blank module
	DHI-VTO4103FB-MN	Blank module(Black)
	Accessories	VTM125
VTM126		Front panel for 3 modules
VTM25P2		Front panel for 2 modules(Black)
VTM24P3		Front panel for 3 modules(Black)
VTM77		Front panel for 1 module
VTM78		Front panel for 1 module(Black)
VTM52R2		Vertical two modules, surface mounted rain cover
VTM53R3		Vertical three module, surface mounted rain cover
VTM54R4		Vertical two*2 modules in parallel, surface mounted rain cover
VTM56R6		Vertical two*3 modules in parallel, surface mounted rain cover
VTM51R2		Vertical two modules with vertical rod, the cable goes out, It has the function of receiving the cable
VTM61R2		Vertical two modules with vertical extended rod, the cable goes out, It has the function of receiving the cable
VTM26R2		Vertical two modules, surface mounted rain cover(Black)
VTM27R3		Vertical three module, surface mounted rain cover(Black)
VTM28R4		Vertical two*2 modules in parallel, surface mounted rain cover(Black)
VTM29R6		Vertical two*3 modules in parallel, surface mounted rain cover(Black)
VTM30R2		Vertical two modules with vertical rod, the cable goes out, It has the function of receiving the cable(Black)
VTM75		Vertical one module, surface mounted rain cover
VTM76	Vertical one module, surface mounted rain cover(Black)	
VTM127	Mounting box for 2 modules	
VTM128	Mounting box for 3 modules	
VTM79	Mounting box for 1 module	

Installation

1-module, Surface	1-module, Flush
Rain Cover: VTM75, VTM76(Black) Panel: VTM77, VTM78(Black)	Box: VTM79 Panel: VTM77, VTM78(Black)
	
2-module, Surface	2-module, Flush
Rain Cover: VTM52R2, VTM26R2(Black) Panel: VTM125, VTM25P2(Black)	Box: VTM127 Panel: VTM125, VTM25P2(Black)
	
2-module, Vertical rod	3-module, Surface
Vertical rod: VTM51R2, VTM61R2(Extended), VTM30R2(Black) Panel: VTM125, VTM25P2(Black)	Rain Cover: VTM53R3, VTM27R3(Black) Panel: VTM126, VTM24P3(Black)
	
3-module, Flush	2 * 2-module, Surface
Box: VTM128 Panel: VTM126, VTM24P3(Black)	Rain Cover: VTM54R4, VTM28R4(Black) Panel: VTM125*2, VTM25P2(Black)*2
	
2 * 3-module, Surface	
Rain Cover: VTM56R6, VTM29R6(Black) Panel: VTM126*2, VTM24P3(Black)*2	
	

Dimensions (mm[inch])

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Application

