

DHI-VTO4103FB-X Series

Module



Technical Specification	
Model	DHI-VTO4103FB-MB1
System	
Main Processor	Embedded Processor
Button Type	Mechanical
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 50.0 mm × 30.50 mm (3.94" × 1.97" × 1.20")
Protection	IK07;IP65(silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Power Consumption	≤0.5 W
Gross Weight	0.18 kg (0.40 lb)



Technical Specification	
Model	DHI-VTO4103FB-MB2
System	
Main Processor	Embedded Processor
Button Type	Mechanical
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 50.0 mm × 30.50 mm (3.94" × 1.97" × 1.2")
Protection	IK07;IP65(silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Power Consumption	≤0.5 W
Gross Weight	0.17 kg (0.37 lb)



Technical Specification

Model DHI-VTO4103FB-MB5

System

Main Processor Embedded Processor

Button Type Mechanical

Performance

Casing Material Aluminum alloy

Port

Power Output 5 VDC (provides power for other modules)

General

Appearance Color Black

Power Supply 5 VDC (provided by other modules)

Installation Flush Mount;Surface Mount

Product Dimensions 100 mm × 100 mm × 30.50 mm (3.94" × 3.94" × 1.2")

Protection IK07;IP65(silicone sealant is needed for installation)

Operating Temperature −30 °C to +60 °C (−22 °F to +140 °F)

Operating Humidity 10%–90% (RH)

Power Consumption ≤0.5 W

Gross Weight 0.31 kg (0.68 lb)

Technical Specification

Model DHI-VTO4103FB-MDB2

System

Button Type Mechanical

Number of Buttons 2

Performance

Casing Material Aluminum alloy

Port

Power Output 5 VDC (Provide power for other modules)

General

Appearance Color Black

Power Supply 5 VDC (Provided with power by other modules)

Certifications CE EMC; CE LVD

Product Dimensions 100.0 mm × 50.0 mm × 26 mm (3.94" × 1.97" × 1.02")

Protection IK07; IP65 (Silicone sealant is needed for installation)

Operating Temperature −30 °C to +60 °C (−22 °F to +140 °F)

Operating Humidity 10%–90% (RH), non-condensing

Operating Environment Outdoor

Operating Altitude 0 m–3,000 m (0 ft–9,842.52 ft)

Power Consumption ≤0.2 W (standby), ≤0.6 W (working)

Gross Weight 0.23 kg (0.51 lb)

Storage Temperature 0 °C to +40 °C (+32 °F to +104 °F)

Storage Humidity 30%–75% (RH)



Technical Specification	
Model	DHI-VTO4103FB-MDB4
System	
Button Type	Mechanical
Number of Buttons	4
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (Provide power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (Provided with power by other modules)
Certifications	CE EMC; CE LVD
Product Dimensions	100.0 mm × 50.0 mm × 26 mm (3.94" × 1.97" × 1.02")
Protection	IK07; IP65 (Silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Environment	Outdoor
Operating Altitude	0 m–3,000 m (0 ft–9,842.52 ft)
Power Consumption	≤0.2 W (standby), ≤0.6 W (working)
Gross Weight	0.24 kg (0.53 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75% (RH)



Technical Specification	
Model	DHI-VTO4103FB-MDB10
System	
Button Type	Mechanical
Number of Buttons	10
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (Provide power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (Provided with power by other modules)
Certifications	CE EMC; CE LVD
Product Dimensions	100.0 mm × 100.0 mm × 26 mm (3.94" × 3.94" × 1.02")
Protection	IK07; IP65 (Silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Environment	Outdoor
Operating Altitude	0 m–3,000 m (0 ft–9,842.52 ft)
Power Consumption	≤0.2 W (standby), ≤0.6 W (working)
Gross Weight	0.33 kg (0.73 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75% (RH)



Technical Specification	
Model	DHI-VTO4103FB-MF
System	
Main Processor	Embedded Processor
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 100 mm × 38.50 mm (3.94" × 3.94" × 1.52")
Protection	IK07;IP65(silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Power Consumption	≤0.5 W
Gross Weight	0.33 kg (0.73 lb)



Technical Specification	
Model	DHI-VTO4103FB-MI
System	
Casing Material	Aluminum
General	
Appearance Color	Black
Power Supply	5 VDC (Provided with power by other modules)
Certifications	CE
Product Dimensions	100.0 mm × 100.0 mm × 28.5 mm (3.94" × 3.94" × 1.12")
Protection	IK07; IP65 (silicone sealant is needed for installation)
Operating Temperature	−30°C to +60°C (−22°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	≤0.5 W
Gross Weight	0.28 kg (0.62 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75% (RH), non-condensing



Technical Specification	
Model	DHI-VTO4103FB-MK
System	
Main Processor	Embedded Processor
Button Type	Mechanical
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 100 mm × 31 mm (3.94" × 3.94" × 1.22")
Protection	IK07;IP65(silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Power Consumption	≤0.5 W
Gross Weight	0.32 kg (0.71 lb)



Technical Specification	
Model	DHI-VTO4103FB-ML
System	
Main Processor	Embedded Processor
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 50.0 mm × 28.50 mm (3.94" × 1.97" × 1.12")
Protection	IK07;IP65(silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Power Consumption	≤2 W
Gross Weight	0.19 kg (0.42 lb)



Technical Specification

Model	DHI-VTO4103FB-MN
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Performance

Casing Material	Aluminum alloy
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General

Appearance Color	Black
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 50.0 mm × 28.50 mm (3.94" × 1.97" × 1.12")
Protection	IK07;IP65(silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Gross Weight	0.17 kg (0.37 lb)
Power Consumption	≤0.5 W
Gross Weight	0.32 kg (0.71 lb)

Technical Specification

Model	DHI-VTO4103FB-MR
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System

Main Processor	Embedded Processor
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Function

Card Type	IC card
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RFID

Modulation Type	AM
Frequency Range	13.56 MHz
Max. Transmission Power	42dBuA/m @10m

Performance

Card Reading Distance	1 cm–3 cm (0.39"–1.18")
Casing Material	Aluminum alloy

Port

Power Output	5 VDC (provides power for other modules)
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General

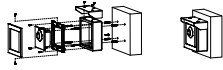
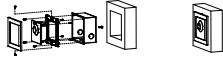
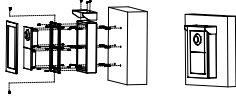
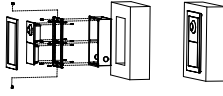
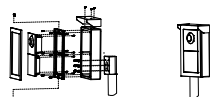
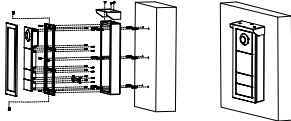
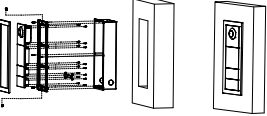
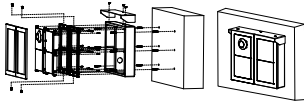
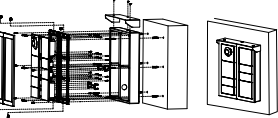
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 50.0 mm × 28.50 mm (3.94" × 1.97" × 1.12")
Protection	IK07;IP65(silicone sealant is needed for installation)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Power Consumption	≤2 W
Gross Weight	0.16 kg (0.35 lb)



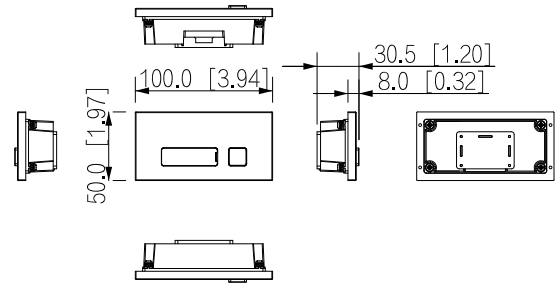
Technical Specification	
Model	DHI-VTO4103FB-MR1
System	
Main Processor	Embedded Processor
Function	
Card Type	ID card
RFID	
Modulation Type	AM
Frequency Range	125kHz
Max. Transmission Power	66dBuA/m @10m
Performance	
Card Reading Distance	1 cm–3 cm (0.39"–1.18")
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 50.0 mm × 28.50 mm (3.94" × 1.97" × 1.12")
Protection	IK07;IP65(silicone sealant is needed for installation)
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Operating Humidity	10%–90% (RH)
Power Consumption	≤2 W
Gross Weight	0.16 kg (0.35 lb)

Technical Specification	
Model	DHI-VTO4103FB-MV
Feture	It is used to install the Vigik module.
Performance	
Casing Material	Aluminum alloy
General	
Appearance Color	Black
Product Dimensions	100.0 mm × 50.0 mm × 6 mm (3.94" × 1.97" × 0.24")
Protection	IK07
Operating Temperature	–30 °C to +60 °C (–22 °F to +140 °F)
Operating Humidity	10%–90% (RH, non-condensing)
Operating Environment	Outdoor
Operating Altitude	0 m–3,000 m (0 ft–9,842.52 ft)
Gross Weight	0.28 kg (0.62 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75% (RH)

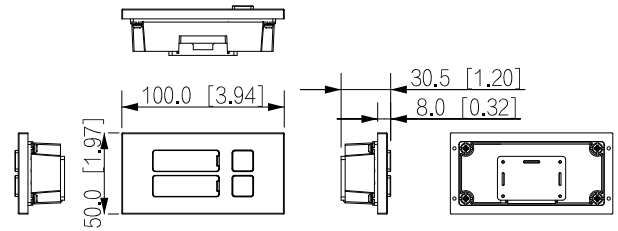
Installation

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	
	

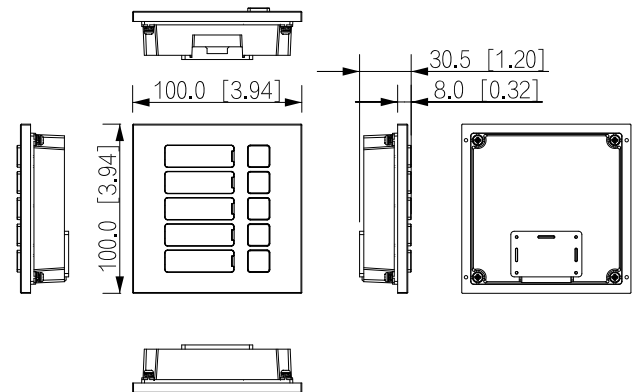
Dimensions (mm[inch])



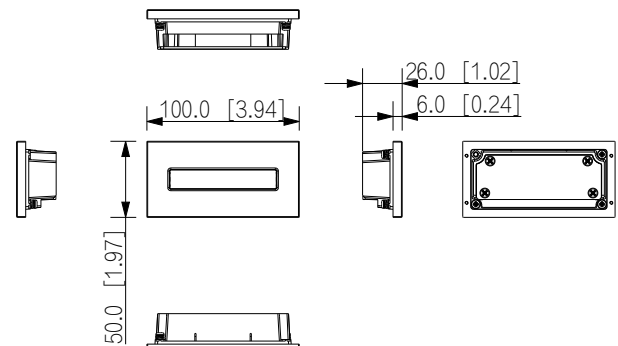
DHI-VTO4103FB-MB1



DHI-VTO4103FB-MB2

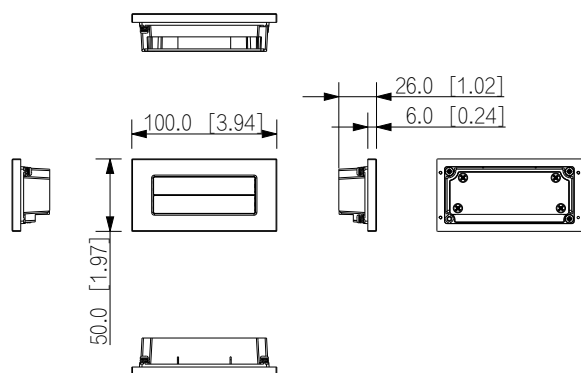


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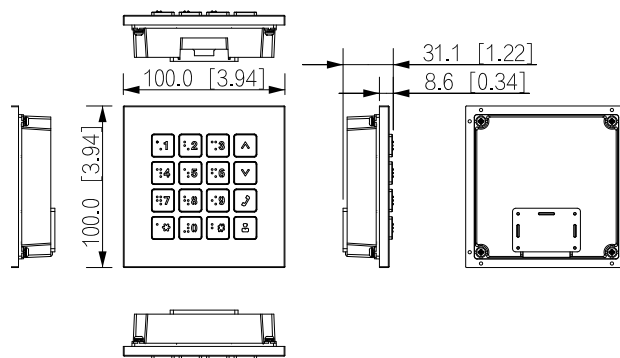


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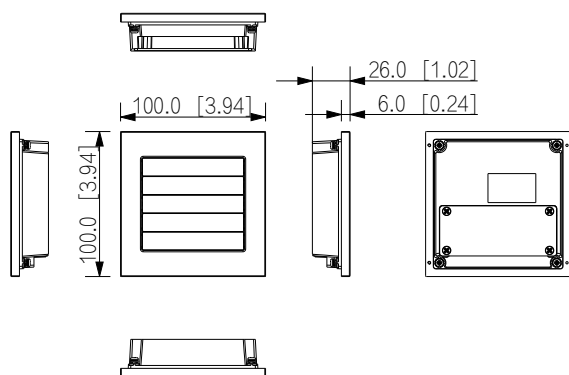
DHI-VTO4103FB-X Series



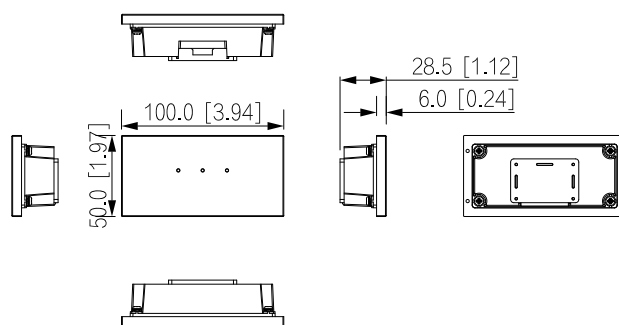
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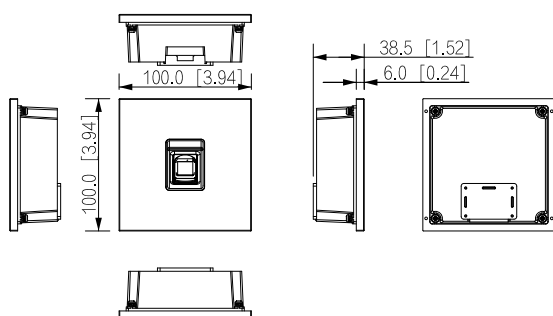
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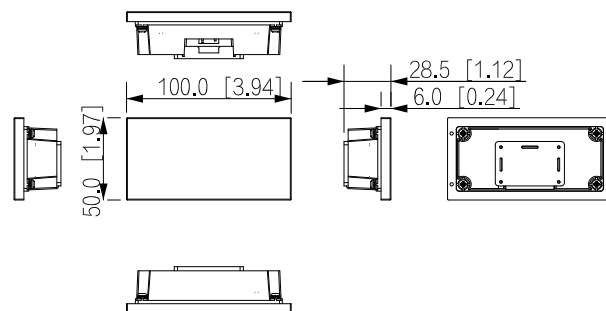
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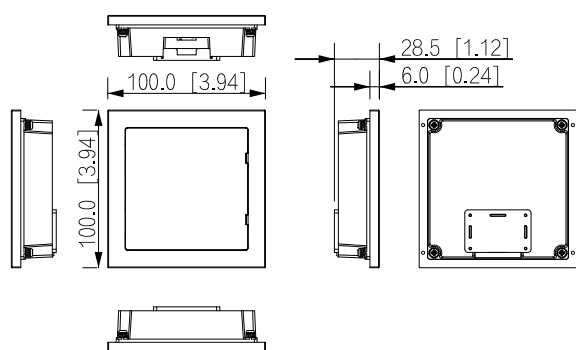
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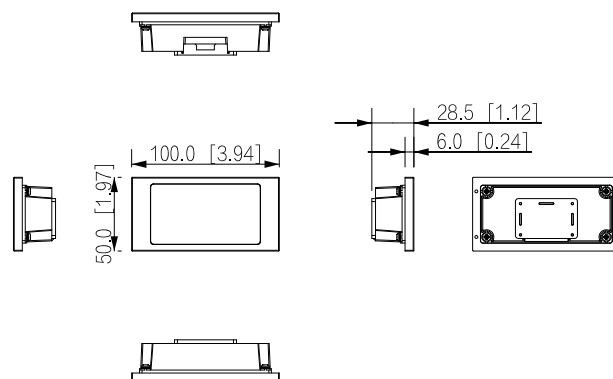
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DHI-VTO4103FB-MN



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