

DHI-VTO4103F-X Series

Module



Technical Specification

Model	DHI-VTO4103F-MB1
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System

Main Processor	Embedded Processor
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Button Type	Mechanical
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Performance

Casing Material	Aluminum alloy
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Port

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

Appearance Color	Silver
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Power Supply	5 VDC (provided by other modules)
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Installation	Flush Mount; Surface Mount
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Product Dimensions	100 mm × 50.0 mm × 30.50 mm (3.94" × 1.97" × 1.20")
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Protection	IK07; IP65 (silicone sealant is needed for installation)
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Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
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Operating Humidity	10%–90% (RH)
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Power Consumption	≤0.5 W
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Gross Weight	0.18 kg (0.40 lb)
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Technical Specification

Model	DHI-VTO4103F-MB2
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System

Main Processor	Embedded Processor
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Button Type	Mechanical
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Performance

Casing Material	Aluminum alloy
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Port

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

Appearance Color	Silver
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Power Supply	5 VDC (provided by other modules)
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Installation	Flush Mount; Surface Mount
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Product Dimensions	100 mm × 50.0 mm × 30.50 mm (3.94" × 1.97" × 1.2")
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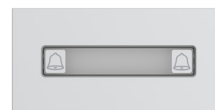
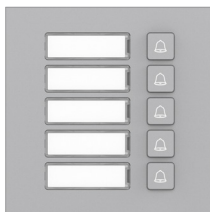
Protection	IK07; IP65 (silicone sealant is needed for installation)
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Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
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Operating Humidity	10%–90% (RH)
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Power Consumption	≤0.5 W
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Gross Weight	0.17 kg (0.37 lb)
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Technical Specification

Model DHI-VTO4103F-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 Silver

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-VTO4103F-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 Silver

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

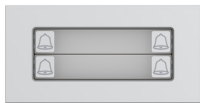
Operating Altitude 0 m–3,000 m (0 ft–9,842.52 ft)

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

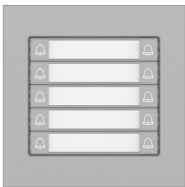
Gross Weight 0.23 kg (0.51 lb)

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

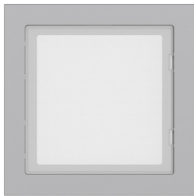
Storage Humidity 30%–75% (RH)



Technical Specification	
Model	DHI-VTO4103F-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	Silver
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)

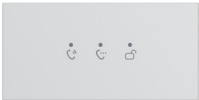


Technical Specification	
Model	DHI-VTO4103F-MDB10
System	
Button Type	Mechanical
Number of Buttons	10
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (Provide power for other modules)
General	
Appearance Color	Silver
Power Supply	5 VDC (Provided with power by other modules)
Certifications	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)



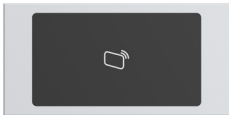
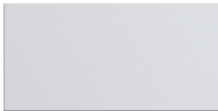
Technical Specification	
Model	DHI-VTO4103F-MF
System	
Main Processor	Embedded Processor
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Silver
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount; Surface 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-VTO4103F-MI
Performance	
Casing Material	Aluminum
General	
Appearance Color	Silver
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–3,000 m (0 ft–9,842.52 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



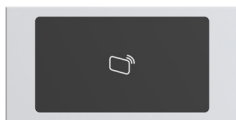
Technical Specification	
Model	DHI-VTO4103F-MK
System	
Main Processor	Embedded Processor
Button Type	Mechanical
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	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-VTO4103F-ML
System	
Main Processor	Embedded Processor
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Silver
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)

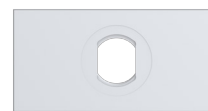


Technical Specification	
Model	DHI-VTO4103F-MN
Performance	
Casing Material	Aluminum alloy
General	
Appearance Color	Silver
Installation	Flush Mount; Surface Mount
Product Dimensions	100 mm × 50.0 mm × 28.50 mm (3.94" × 1.97" × 1.12")
Protection	IK07; IP65 (silicone sealant is needed for installation)
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-VTO4103F-MR1
System	
Main Processor	Embedded Processor
Function	
Card Type	ID card
RFID	
Modulation Type	AM
Frequency Range	125 kHz
Max. Transmission Power	66 dBuA/m @10 m
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	Silver
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-VTO4103F-MR
System	
Main Processor	Embedded Processor
Function	
Card Type	IC card
RFID	
Modulation Type	AM
Frequency Range	13.56 MHz
Max. Transmission Power	42 dBuA/m @10 m
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	Silver
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)

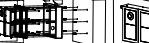
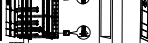


Technical Specification	
Model	DHI-VTO4103F-MV
Feature	It is used to install the Vigik module.
Performance	
Casing Material	Aluminum alloy
General	
Appearance Color	Silver
Product Dimensions	100.0 mm × 50.0 mm × 6 mm (3.94" × 1.97" × 0.24")
Protection	IK07
Operating Temperature	–30 °C to +60 °C (–22 °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)

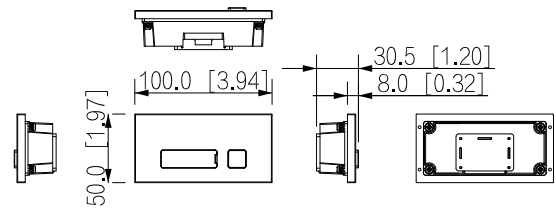


Technical Specification	
Model	DHI-VTO4103F-MS1
System	
Main Processor	Embedded Processor
Button Type	Mechanical
Number of Buttons	4
Basic	
Screen Type	Non-touchscreen
Display Screen	3-inch display screen
Screen Resolution	160 (H) × 96 (V)
Function	
Communication Mode	Full digital
Port	
Power Output	5 VDC/250 mA
General	
Appearance Color	Silver
Power Supply	5 VDC
Certifications	CE
Product Dimensions	100.0 mm × 100.0 mm × 29.95 mm (3.94" × 3.94" × 1.18")
Protection	IK07: For designated area IP65: Applying glue to the interface area that requires protection
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Environment	Outdoor
Power Consumption	1.25 W
Gross Weight	0.35 kg (0.77 lb)
Storage Temperature	0 °C to +40 °C (32 °F to +104 °F)

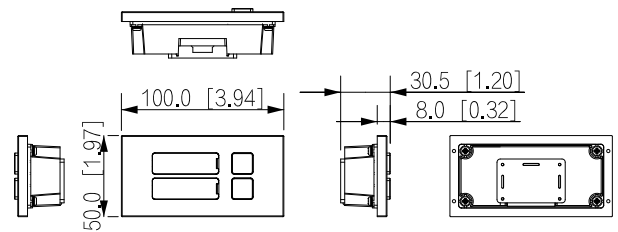
Installation

One module, Surface	One module, Flush	One module, Flush
Rain Cover: VTM75, VTM76(Black) Panel: VTM77, VTM78(Black)	Box: VTM79 Panel: VTM77, VTM78(Black)	Box: VTM156 Panel: VTM77, VTM78(Black)
		
Two modules, Surface	Two modules, Flush	Two modules, Flush
Rain Cover: VTM52R2, VTM26R2(Black) Panel: VTM125, VTM25P2(Black)	Box: VTM127 Panel: VTM125, VTM25P2(Black)	Box: VTM157 Panel: VTM125, VTM25P2(Black)
		
Two modules, Vertical rod	Three modules, Surface	Three modules, Flush
Vertical rod: VTM51R2, VTM51R2(Extended), VTM30R2(Black) Panel: VTM125, VTM25P2(Black)	Rain Cover: VTM53R3, VTM27R3(Black) Panel: VTM126, VTM24P3(Black)	Box: VTM158 Panel: VTM126, VTM24P3(Black)
		
Three modules, Flush	Two modules*2, Surface	Two modules*2, Flush
Box: VTM128 Panel: VTM126, VTM24P3(Black)	Rain Cover: VTM54R4, VTM28R4(Black) Panel: VTM125*2, VTM25P2(Black)*2	Box: VTM157*2 Panel: VTM125*2, VTM25P2(Black)*2
		
Three modules*2, Surface		Three modules*2, Flush
Rain Cover: VTM56R6, VTM29R6(Black) Panel: VTM126*2, VTM24P3(Black)*2		Box: VTM158*2 Panel: VTM126*2, VTM24P3(Black)*2
		

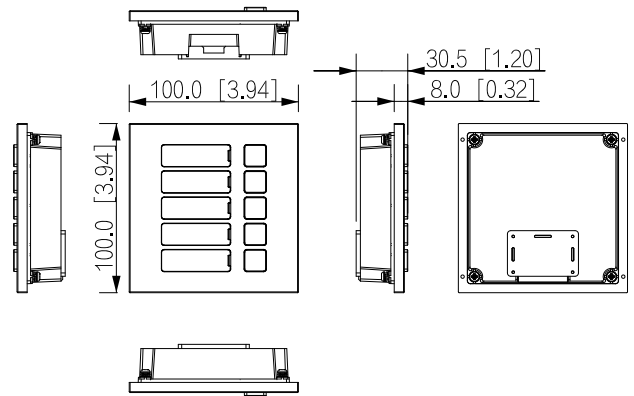
Dimensions (mm[inch])



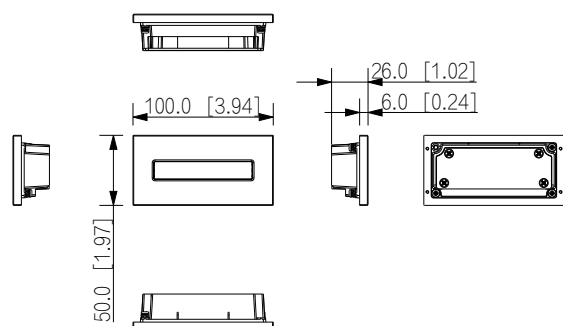
DHI-VTO4103F-MB1



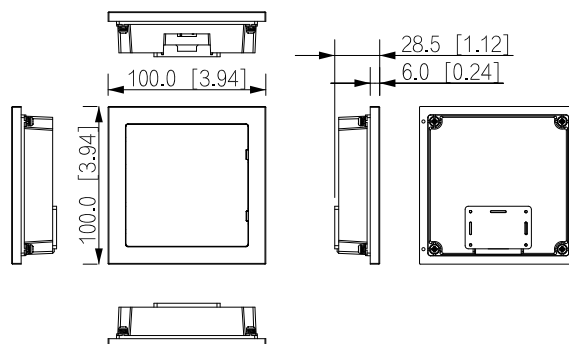
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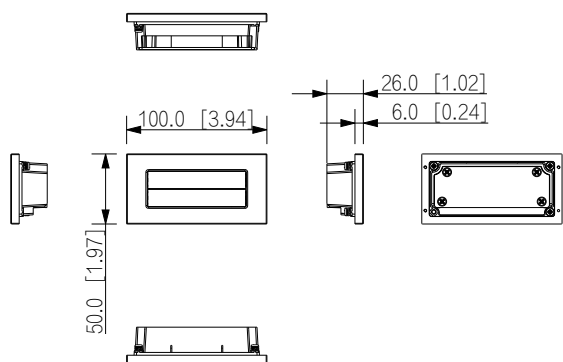
DHI-VTO4103F-MB5



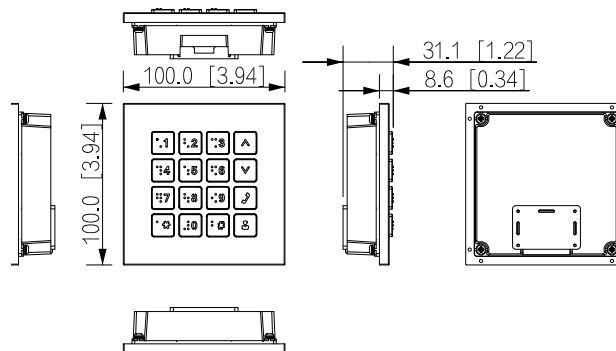
DHI-VTO4103F-MDB2



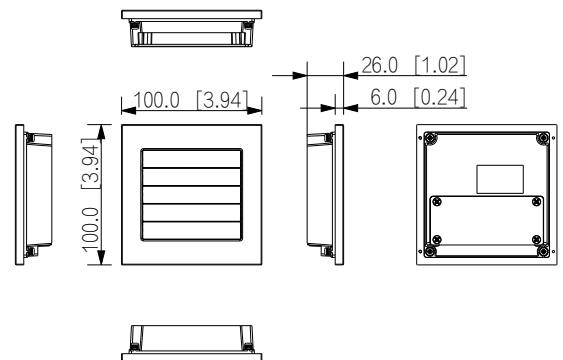
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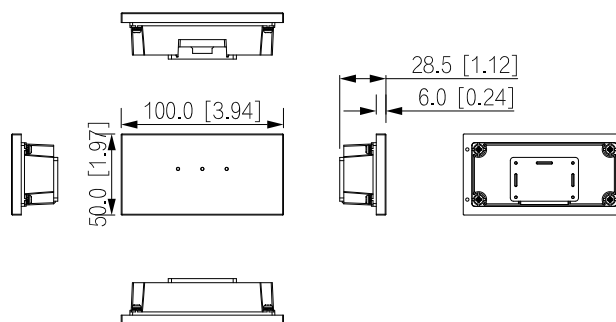
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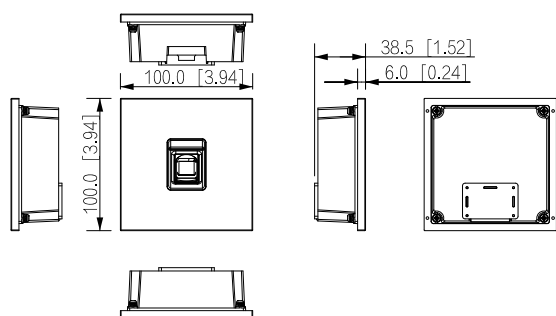
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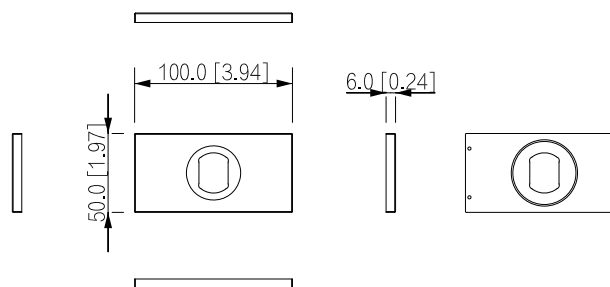
DHI-VTO4103F-MDB10



DHI-VTO4103F-ML

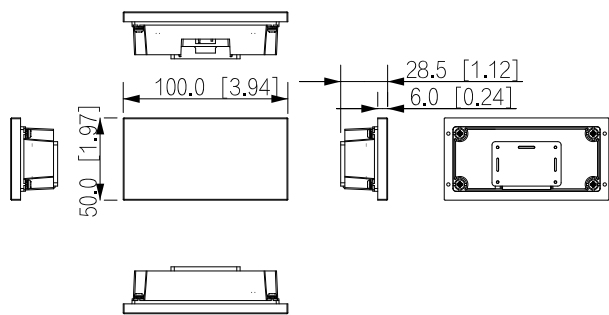


DHI-VTO4103F-MF

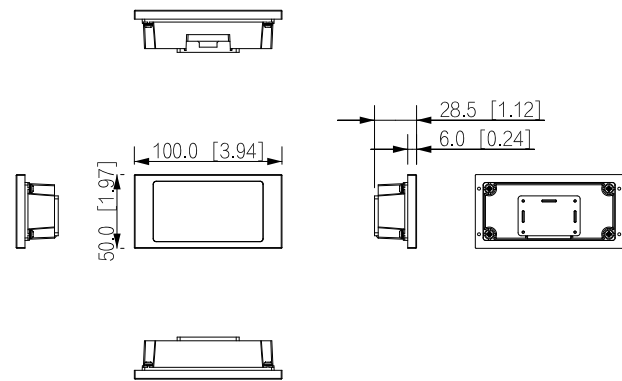


DHI-VTO4103F-MV

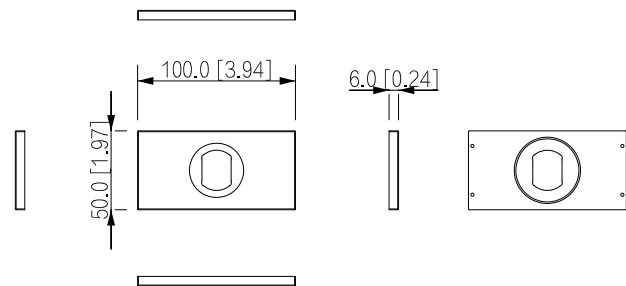
DHI-VTO4103F-X Series



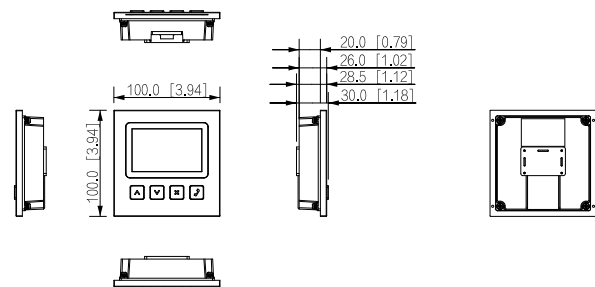
DHI-VTO4103F-MN



DHI-VTO4103F-MR.DHI-VTO4103F-MR1



DHI-VTO4103F-MV



DHI-VTO4103F-MS1