DHI-VTO420XFB-X Series

Module





Technical Specification	
Model	DHI-VTO4202FB-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-VTO4202FB-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-VTO4202FB-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-VTO4202FB-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-VTO4202FB-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-VTO4202FB-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-VTO4202FB-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-VTO4202FB-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-VTO4202FB-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-VTO4202FB-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-VTO4202FB-MN
Performance	
Casing Material	Aluminum alloy
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-VTO4202FB-MR
System	
Main Processor	Embedded Processor
Function	
Card Type	IC card
RFID	
Modulation Type	AM
Frequency Range	13.56 MHz
Max. Transmission Power	
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-VTO4202FB-MR1
System	
Main Processor	Embedded Processor
Function	
Card Type	ID card
RFID	
Modulation Type	AM
Frequency Range	125kHz
Max. Transmission Power	
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)

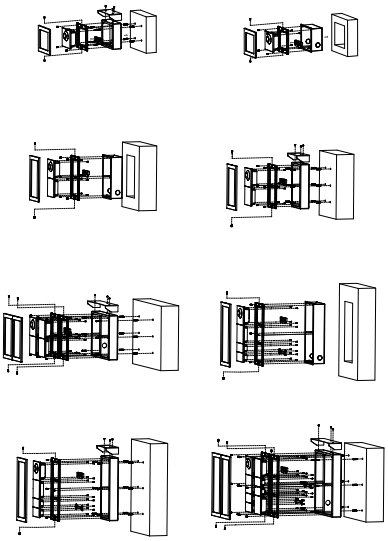
Technical Specification	
Model	DHI-VTO4202FB-MS
System	
Main Processor	Embedded Processor
Performance	
Casing Material	Aluminum alloy
Port	
Power Output	5 VDC (provides power for other modules)
General	
Appearance Color	Black
Power Supply	5 VDC (provided by other modules)
Installation	Flush Mount;Surface Mount
Product Dimensions	100 mm × 100 mm × 28.50 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)
Power Consumption	≤2 W
Gross Weight	0.34 kg (0.75 lb)



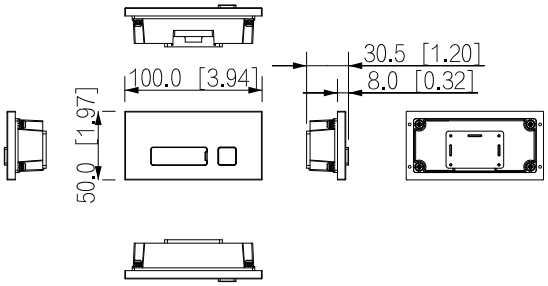
Technical Specification

Model	DHI-VTO4202FB-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)

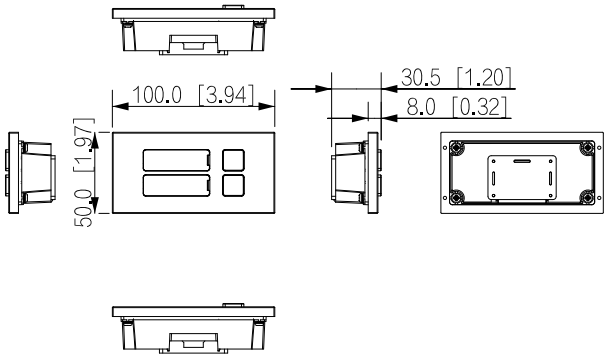
Installation



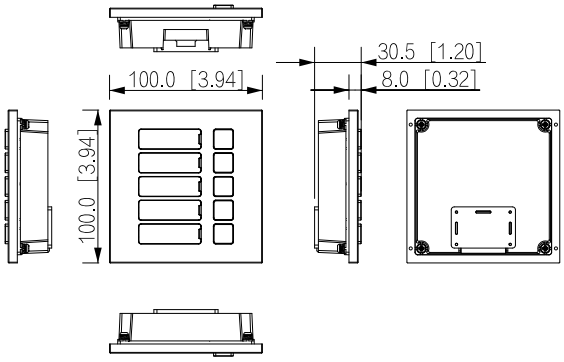
Dimensions (mm[inch])



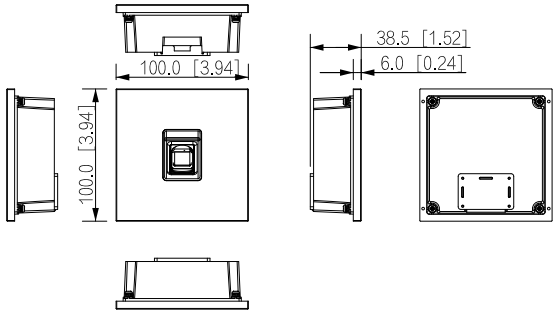
DHI-VTO4202FB-MB1



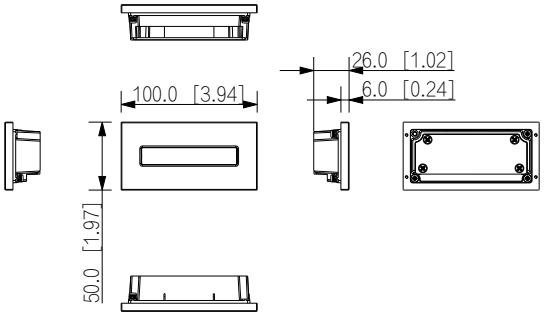
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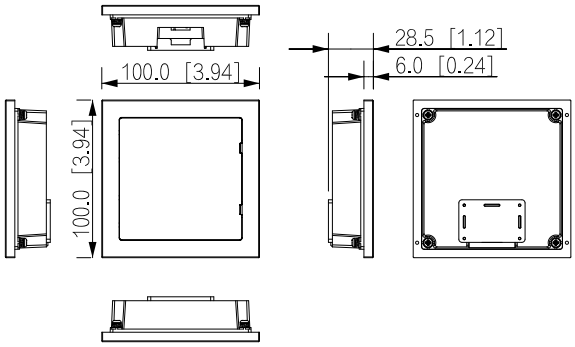
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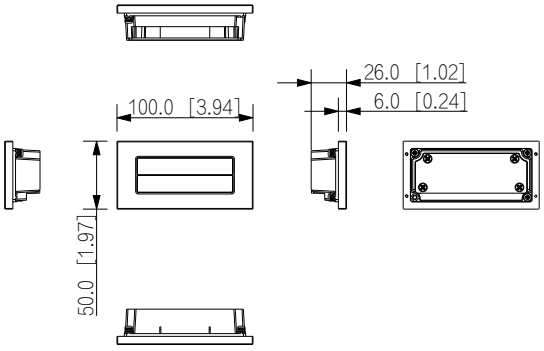
DHI-VTO4202FB-MF



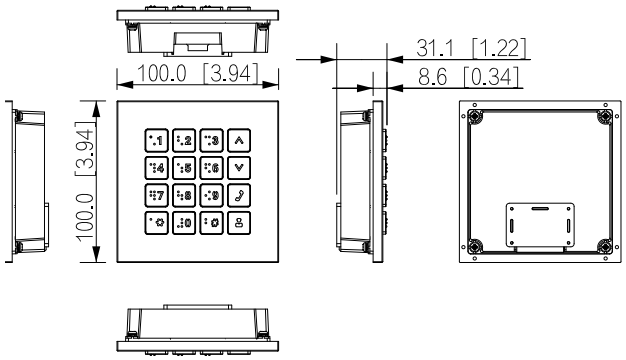
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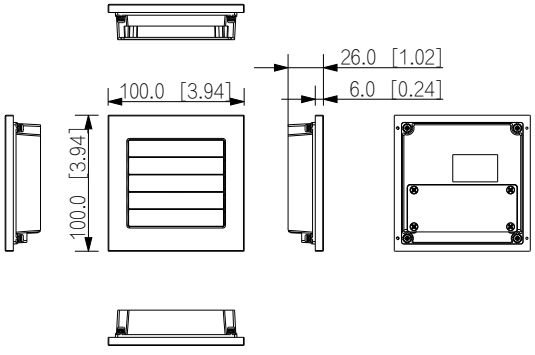
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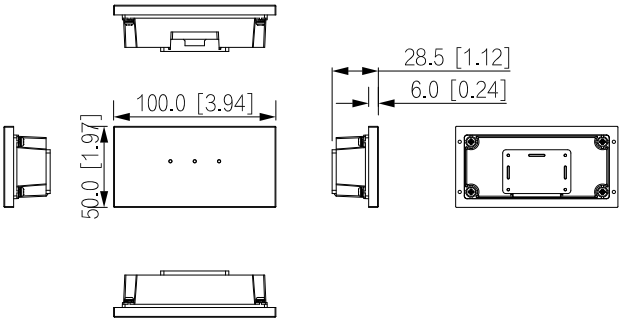
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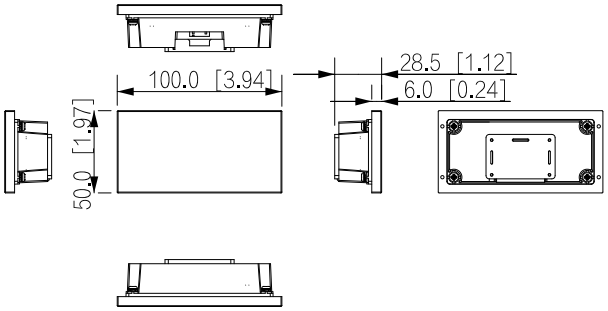
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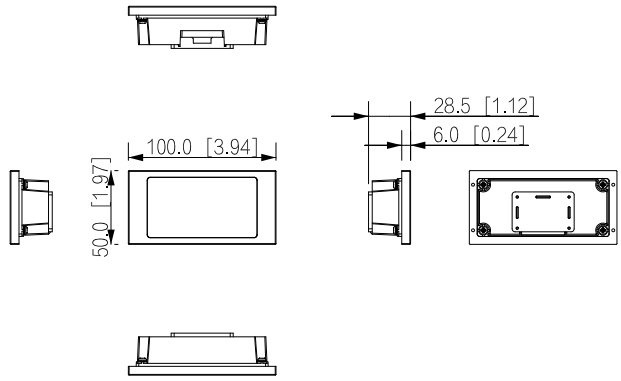
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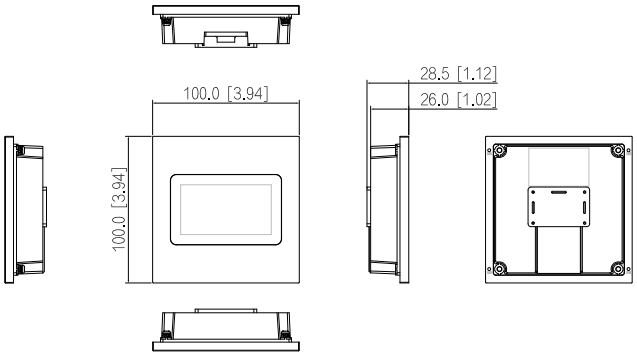
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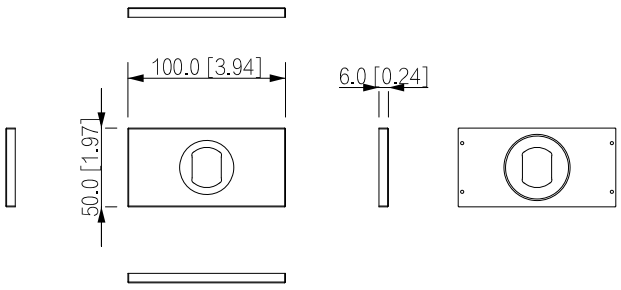
DHI-VTO4202FB-MN



DHI-VTO4202FB-MR.DHI-VTO4202FB-MR1



DHI-VTO4202FB-MS



DHI-VTO4202FB-MV

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