

DHI-DEE111R

RS-485 Extension Module



Technical Specification

Performance

Casing Material	PC + ABS
Port	
RS-485	1 for output, 1 for input, and 1 is the port for the RS-485 extension, which can be changed to Wiegand mode by toggling the 1-bit switch. If you toggle the 1-bit switch on the right to 0, RS-485 mode will be enabled.
Wiegand	1 port, which can be changed to RS-485 mode by toggling the 1-bit switch. If you toggle the 1-bit switch on the right to 1, Wiegand mode will be enabled.
Power Output	1 port (12 V, 500 mA)
Exit Button	1 channel
Door Status Detection	1 channel
Lock Control	1 channel

General

Appearance Color	White
Power Supply	12 V, 1 A
Power Adapter	Optional
Installation	Surface Mount; Guide Rail Mount
Certifications	CE EMC; CE LVD
Product Dimensions	82.6 mm × 65.0 mm × 25 mm (3.25" × 2.56" × 0.98")
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	≤0.4 W (standby), ≤1.0 W (working, 12 V output with no load)

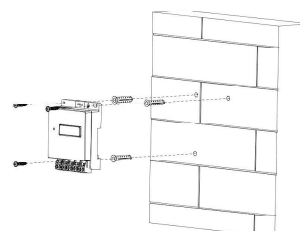
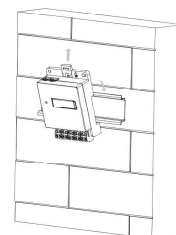
- Provides 12 VDC, 500 mA power.
- Supports cascading up to 8 devices. When the device is not connected to a load, a 12 V/1 A power adapter can support all 8 cascaded devices, with a power supply transmission distance of up to 100 meters. When the device is connected to a load and each unit is powered separately, the device has a transmission distance of 100 meters when RVV 0.5 mm² flexible cable is used under normal power supply conditions.
- Supports RS-485 communication.
- Power indicator light and status indicator light.
- Connects card readers and controllers through Wiegand or RS-485. You can toggle the 1-bit switch to change the signal mode between RS-485 mode and Wiegand mode.

Gross Weight	0.15 kg (0.33 lb)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	30%–75% (RH)

Ordering Information

Type	Model	Description
Access Control Extension Module	DHI-DEE111R	RS-485 Extension Module

Installation



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Dimensions (mm[inch])

