



dahua DEE1010B Video Intercom Extension Module User Manual

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DEE1010B
Video Intercom Extension Module
User's Manual
V1.0.2

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Introduction

The video intercom (VDP) extension module offers connections between a video intercom outdoor station (VTO) and door unlock options, a door open button and connection to an RS485 BUS for access card swipe input. The module fits inside an 86-type gang box for a secure installation. The module has one channel for door sensor input, one channel for exit button input, one channel for alarm input, one channel for door lock output, with a choice of Normally Open or Normally Closed options.

1.1 Typical Networking Diagram

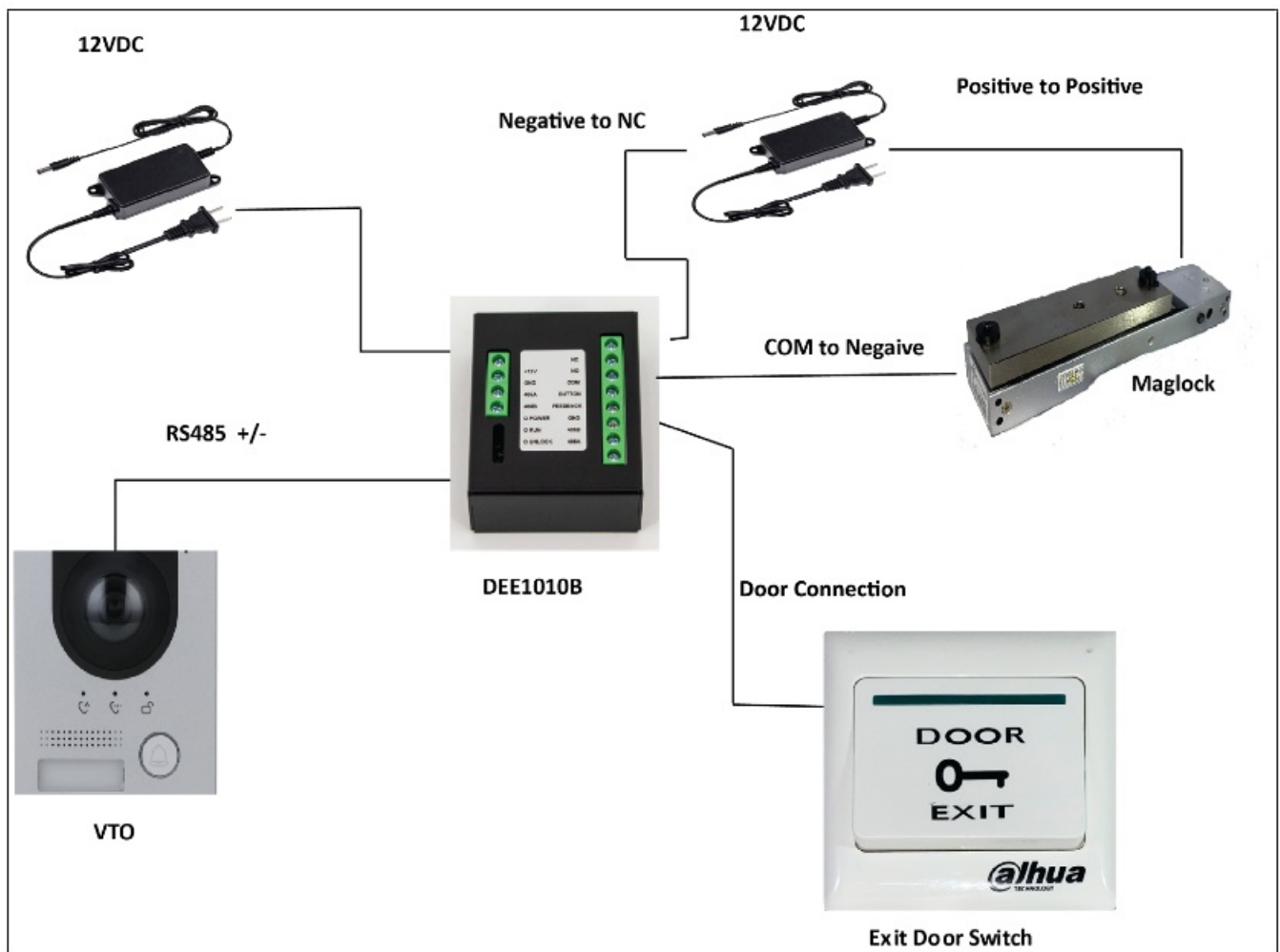


Figure 1-1

Connections



Figure 2-1

No.	Component Name	Note
1	+12V	Power
2	GND	GND
3	485A	Host RS485A
4	485B	Host RS485B
5	POWER	Power indicator
6	RUN	Operation indicator
7	UNLOCK	Unlock indicator
8	NC	Lock NO
9	NO	Lock NC
10	COM	Lock public end
11	BUTTON	Lock unlock button
12	BACK	Lock door feedback
13	GND	GND
14	485B	Card reader RS485B
15	485A	Card reader RS485A

Interface Diagram

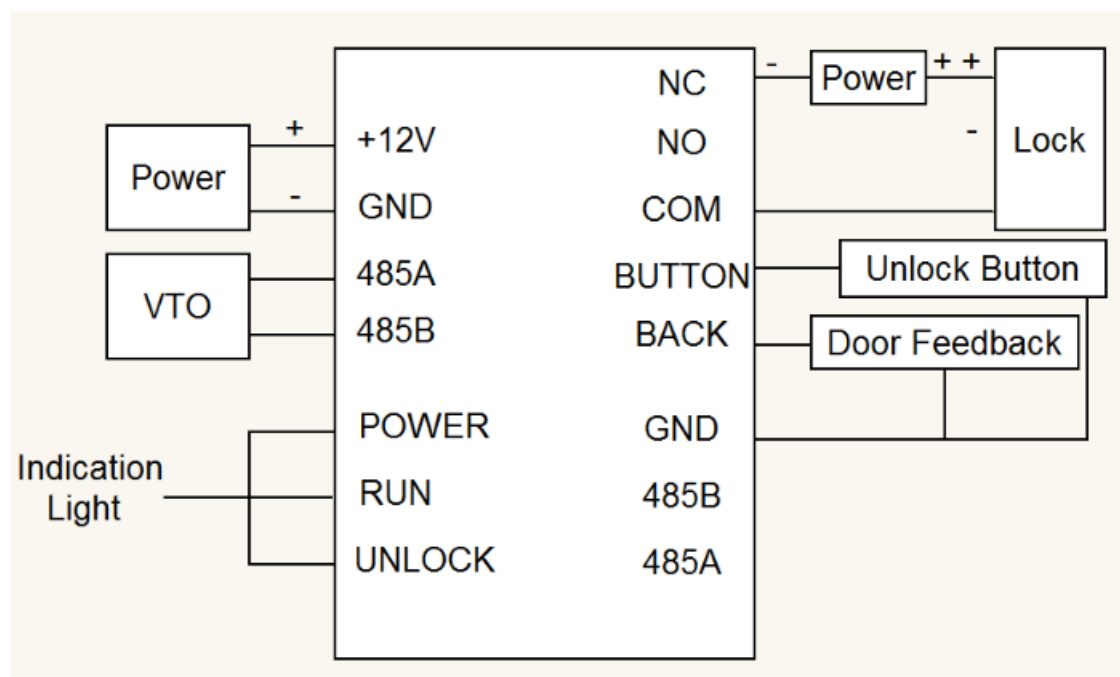


Figure 3-2

FAQ

Door does not open door after a card swipe.

- 1 Report the issue to the management center. The issue may be due to
 - (a) Card authorization has expired.
 - (b) Card is not authorized to open the door.
 - (c) Access is not allowed during the time.
- 2 Door sensor is damaged.
- 3 Card reader has poor contact.
- 4 Door lock or device is damaged.

The device does not communicate with the management center.

- 1 Check the RS485 wire connection.

Door does not open when pressing the open button

- 1 Check the connection between the button and the device.

The lock remains unlocked after the door opens.

- 1 Check if the door is closed.
- 2 Check if door sensor is connected properly. If there is no door sensor, check with the management center.

Another issue is not listed here.

- 1 Contact technical support.

Appendix 1 Technical Specifications

Model	DEE1010B
Access Control	
Lock NO Output	Yes
Lock NC Output	Yes
Open Button	Yes
Door Status Detection	Yes
Operating Mode	
Input	Card Swipe (card reader and unlock button required)
Specifications	
Power Supply	12 VDC, $\pm 10\%$
Power Consumption	Standby: 5 0.5 W Working: 5 1 W
Environmental	-10° C to +60° C (14° F to +140° F) 10% to 90% Relative Humidity
Dimensions (L x W x H)	58.0 mm x 51.0 mm x 24.50 mm (2.28 in. x 2.0 in. x 0.96 in.)
Net Weight	0.56 kg (1.23 lb.)

Note:

- This manual is for reference only. Slight differences may be found in the actual product.
- All the designs and software are subject to change without prior written notice.

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Documents / Resources

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