

## D6607 D6607T

# Serial Communication Expansion Module / Serial Communication Expansion Terminal



D6607 Serial Communication Expansion Module



D6607T Serial Communication Expansion Terminal

## Description

The Serial Communication Expansion Module / Serial Communication Expansion Terminal features an Ethernet-based architecture with two RS-232/422/485 serial ports. The baud rate and parity can be configured via software. Designed for flexible remote communication expansion, it enables seamless integration into central control systems for reliable data exchange and control of multiple serial devices.

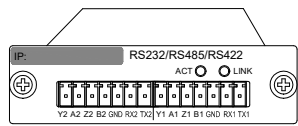
## Features

- Ethernet online architecture system.
- With two sets of RS232/422/485 serial ports.
- The baud rate and check mode of the data can be set through software.

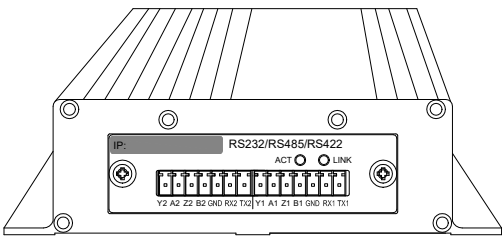
## Specifications

Model	D6607	D6607T
Interface Type	Phoenix terminal 3.81-7P*2	
Communication Protocol	RS232/422/485	
Board Power Consumption	2W	
Operating Temperature	-20-60℃	
Power Supply	Host DC12V	PoE+48V or DC12V/1A adapter
Package Dimensions (L×W×H mm)	207×142×48mm	249×187×85mm
Machine Dimensions (L×W×H mm)	120×85×23mm	187×147×42mm
Gross Weight	0.2kg	1.5kg
Net Weight	0.05kg	0.5kg

Front Panel

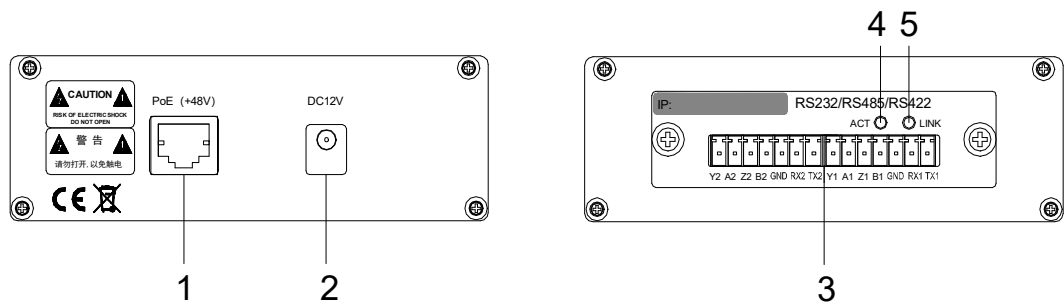


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Rear Panel



1. 100M PoE+48V-Powered RJ45 Network Interface

- Port transfer rate: 100Mbps.
- Support 100M +48V-powered network port of the central control system host.
- Support connection to standard PoE switches.

2. 12V/1A DC Power Connector (DC12V-powered or PoE+48V-powered)

3. Serial Communication Port

- Programming serial communication expansion module (support RS232/RS485/RS422).
- Support hot swap in working state, which will not cause abnormalities to the host and other control devices.

Interface Definition Description:

Connector	RS232 Connection	RS485 Connection	RS422 Connection
Y2	-	-	Y
A2	-	A	A
Z2	-	-	Z
B2	-	B	B
GND	GND	GND	-
RX2	RX	-	-
TX2	TX	-	-
Connector	RS232 Connection	RS485 Connection	RS422 Connection
Y1	-	-	Y
A1	-	A	A
Z1	-	-	Z
B1	-	B	B

GND	GND	GND	-
RX1	RX	-	-
TX1	TX	-	-

**Note:** The serial communication expansion module has two sets of RS232/RS485/RS422 serial ports, and the RS485 and RS422 cannot be connected to the same group at the same time.

**4. ACT Indicator (flashing green indicates normal data transmission)**

**5. LINK Indicator (normally yellow indicates normal network operation)**