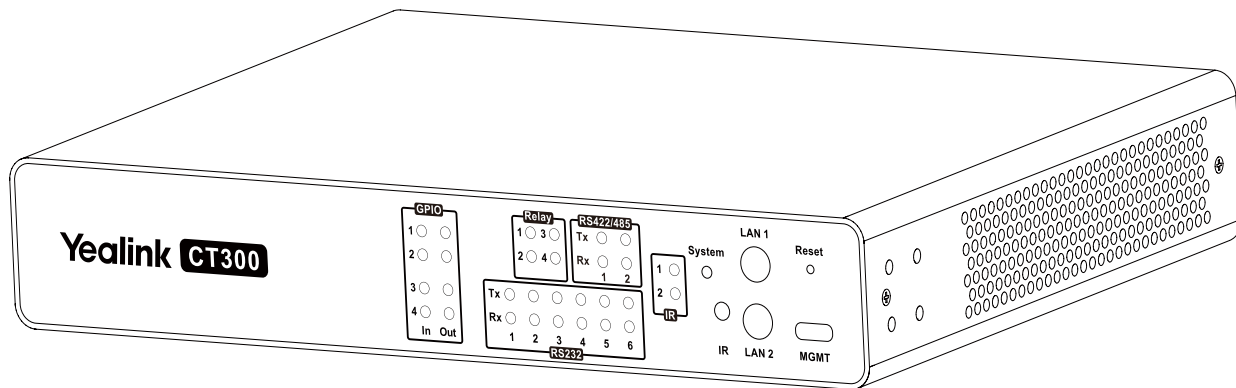




CT300

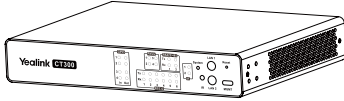
English | Deutsch | Français | Español

Quick Start Guide V1.0

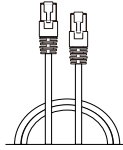
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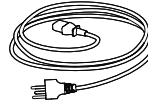
Package Contents



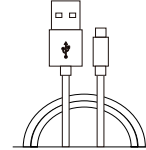
CT300



(3m, 9.84ft)
CAT5e Cable



(12V/2A)
Power Adapter



(1m, 3.28ft)
USB 3.0 Type(C-A) Cable



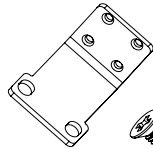
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× 4



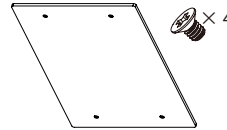
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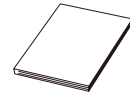
× 2



× 8



× 4



Infrared emitter

Expansion
Nuts and Screws

Mounting Ears and
Screws

Connection Piece
and Screws

Quick Start Guide

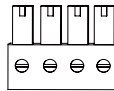
Male Phoenix
Connector



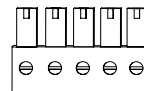
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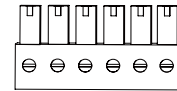
× 6



× 2



× 2



× 2

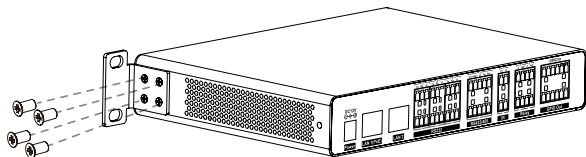


We recommend that you use the accessories provided or approved by Yealink. The use of unapproved third-party accessories may result in poor performance.

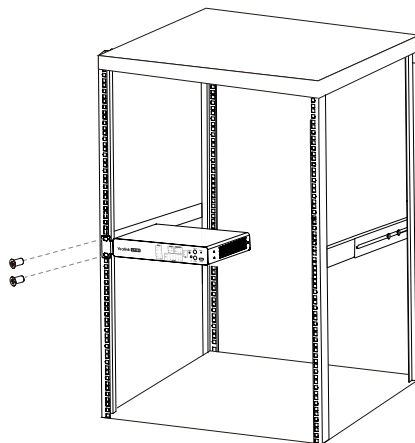
Installation

- Mount on the Rack (19-Inch)
- Single Device Installation

1 Install the mounting ears on one side of the device.

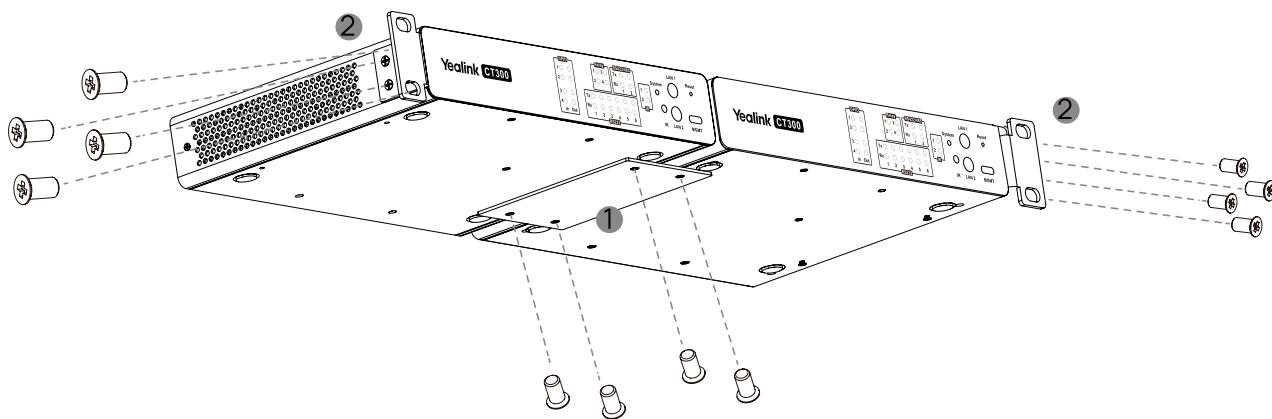


2 Push the CT300 into the rack, and then fix it to the rack with screws.

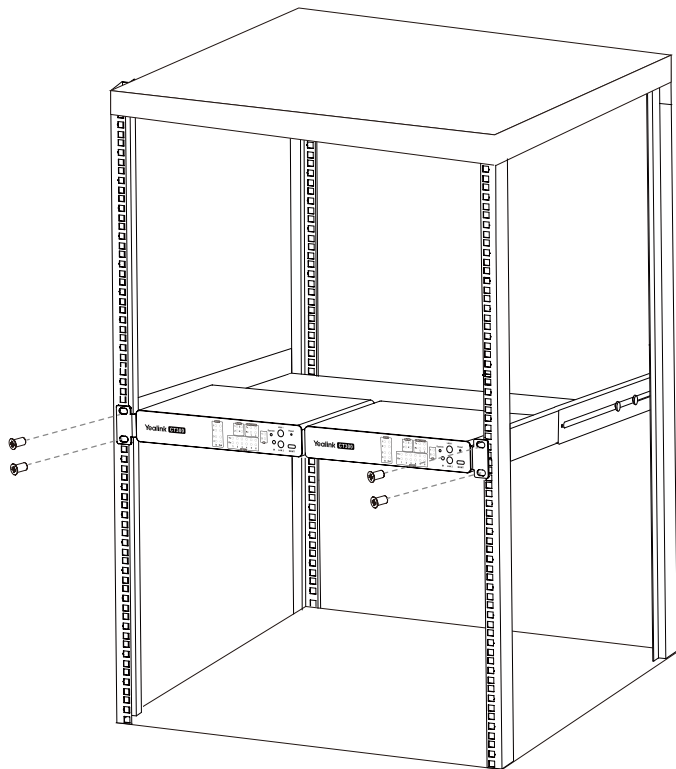


• Dual Device Installation

- 1 Securely connect the two CT300 devices using screws and connection piece.
- 2 Attach the mounting ears to both the left and right sides of the two CT300 devices .

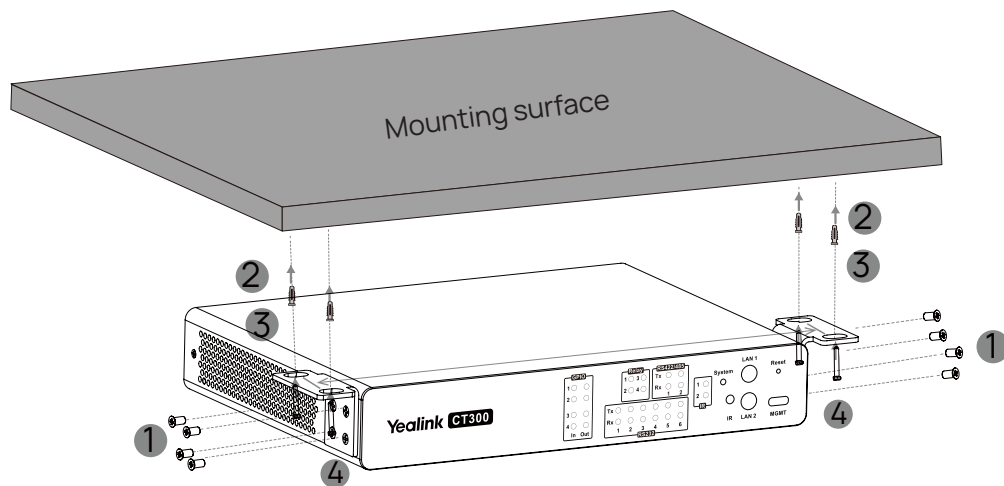


- 3 Push the CT300 into the rack, and then fix it to the rack with screws.



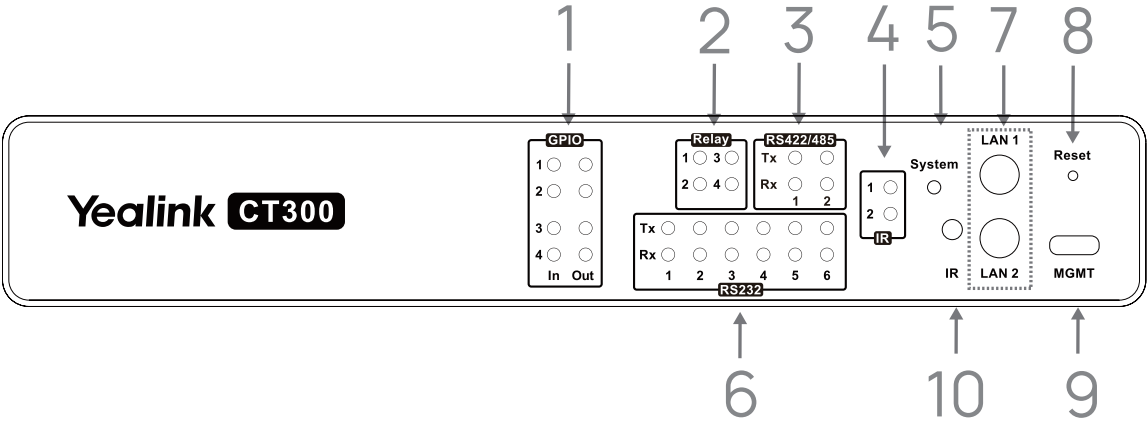
- Under a Table or on a Wall

- ① Install the mounting ears on both sides of the CT300.
- ② Use the mounting ears to mark holes on the mounting surface.
- ③ Drill holes and insert the expansion nuts.
- ④ Fix the CT300 on the mounting surface with the expansion screws.



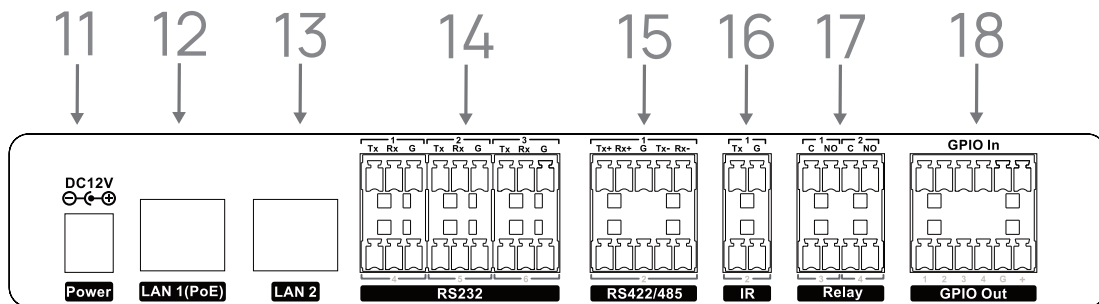
Hardware Interface Instructions

Front Panel



Interface	Description
① GPIO Light	Indicates the status of the GPIO interface level. See page 11 for the lighting effects.
② Relay Light	Indicates the current connection status of the relay. See page 11 for the lighting effects.
③ RS422/485 Light	Indicates the connection status of the corresponding port. See page 11 for the lighting effects.
④ IR Light	Indicates the current connection status of the IR port. See page 11 for the lighting effects.
⑤ System Light	Indicates the current system status. See page 10 for the lighting effects.
⑥ RS232 Light	Indicates the connection status of the corresponding port. See page 11 for the lighting effects.
⑦ LAN Button and Light	• Quickly tap three times to switch the network mode to either DHCP or Static IP mode. - Switch to Static IP Mode: - LAN1 IP: https://192.168.61.11. - LAN2 IP: https://192.168.61.12. Note: The default username is admin. • Press for 10 s to restore the network configuration to its default state. See page 9 for the lighting effects.
⑧ Reset	• After Powering on, hold the button for 5 s to reset CT300 into factory defaults. • Power on the device by holding the button, and after powering on, hold the button for 10 s to switch to the backup system.
⑨ MGMT Port	Connect the computer through this interface to log in to https://192.168.62.8 to access the device's web interface for management. Note: the default username is admin.
⑩ IR Learning	Learn and record IR codes.

Rear Panel



Interface	Description
⑪ Power	Connect to power adapter (12V/2A).
⑫ LAN1	RJ-45 port for device control and management (PoE).
⑬ LAN2	RJ-45 port for device control and management (Default router).
⑭ RS232 Port x 6	Connect devices that support the RS232 communication protocol, such as screens, projectors, etc.
⑮ RS422/485 Port x2	Connect devices that support the RS422/485 communication protocol, such as screen, projectors, etc.
⑯ IR Port x2	Connect an infrared transmitter to simulate a remote control.
⑰ Relay Port x4	The electric control switch can be connected to devices such as projector screens and curtain motors.
⑱ GPIO Port x4	- The top row is used to receive signals: the first four are GPIO_IN (4 channels), the fifth is GND, and the sixth is a 12V power supply port. The bottom row is used to send signals: the first four are GPIO_OUT (4 channels), the fifth is GND, and the sixth is a 12V power supply port. - Connect and control LED lights, buzzers, custom physical switches, sensors, relays, etc.

LED Indicator Instructions

LAN Light

LED Status	Description
Off	No network available
Solid green	Network connected
Flashing green 5 s	Reset network settings to factory default
Flashing red	Network error
Flashing yellow 2 s	Change network to DHCP mode
Flashing blue 2 s	Change network to Static IP mode

System Light

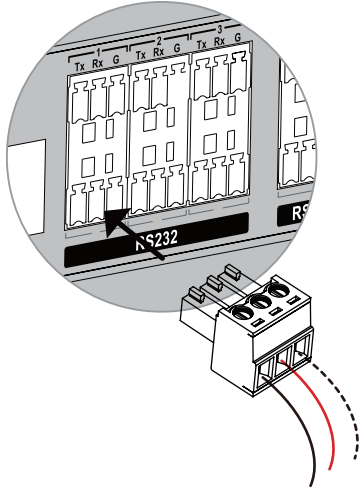
LED Status	Description
Off	Powered Off
Solid green	In normal and operational status
Solid orange	• Booting • Initializing
Slowly flashing orange	Updating firmware
Fast flashing orange twice	Resetting
Flashing red twice	Change Backup system
Flashing red and green alternately	Searching devices

Other Lights

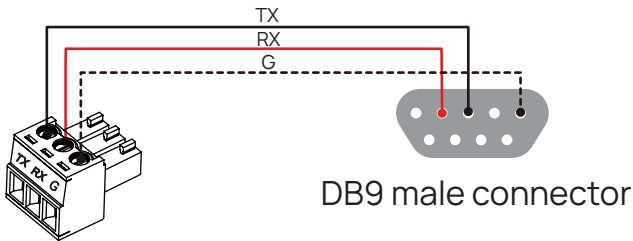
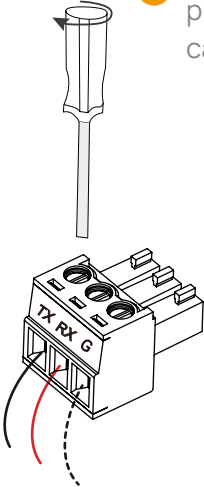
Indicator	Off	Solid Green
GPIO Light	In: The voltage is at the initial state value. Out: No voltage output to external devices.	In: The voltage changes from the initial state value. Out: Voltage output to external devices.
Relay Light	Relay switch is open.	Relay switch is closed.
RS422/485 Light	TX: No data transmission. RX: No data reception.	TX: Data is being transmitted. RX: Data is being received.
RS232 Light	TX: No data transmission. RX: No data reception.	TX: Data is being transmitted. RX: Data is being received.
IR Light	No data transmission.	Data is being transmitted.

Connection

RS232 Connector



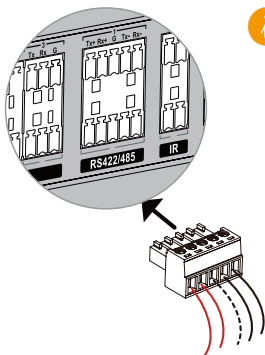
 The cable is not included ,
please purchase conductive
cable separately.



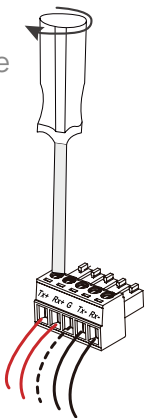
RS232 DB9 Pinout Description



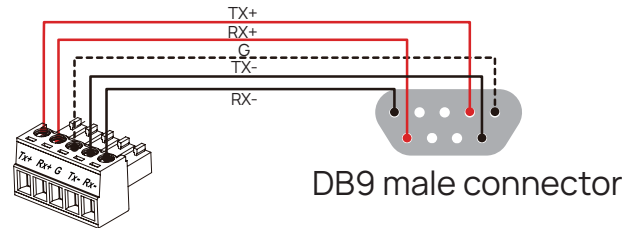
RS422/485 Connector



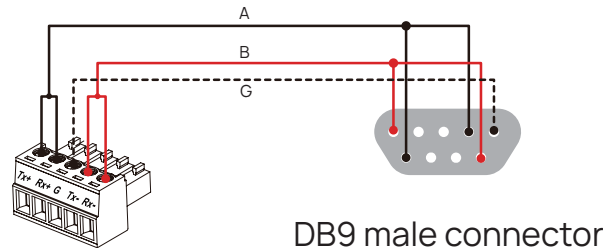
 The cable is not included , please purchase conductive cable separately.



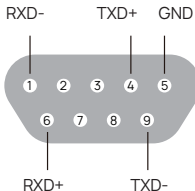
RS422/RS485 Full Duplex Connection



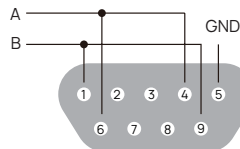
RS485 Half Duplex Connection



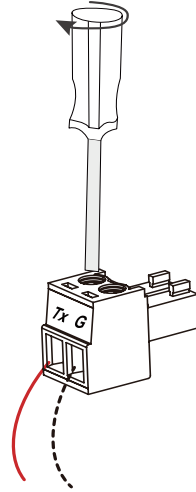
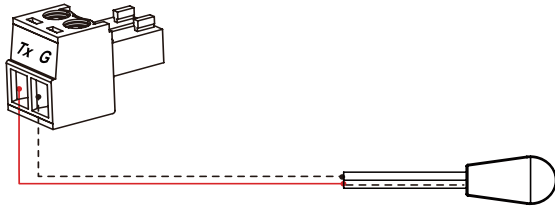
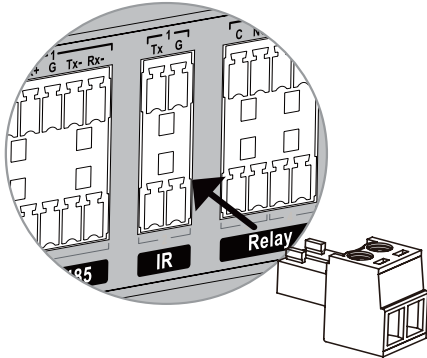
RS422 DB9 Pinout Description



RS485 DB9 Pinout Description

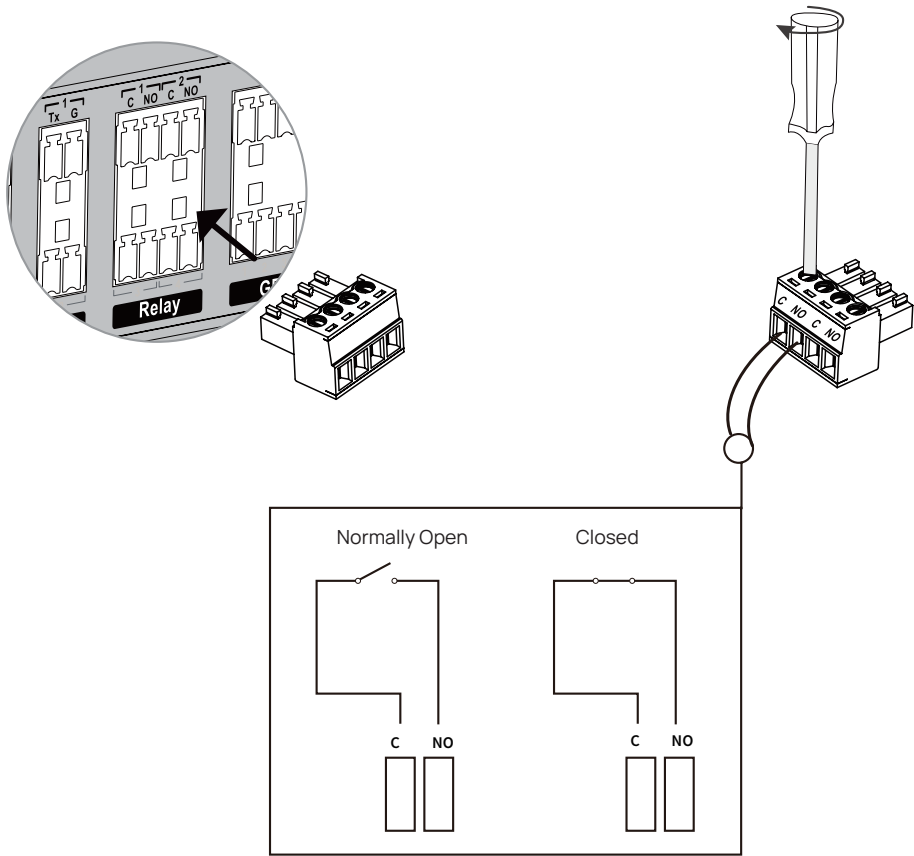


IR Connector



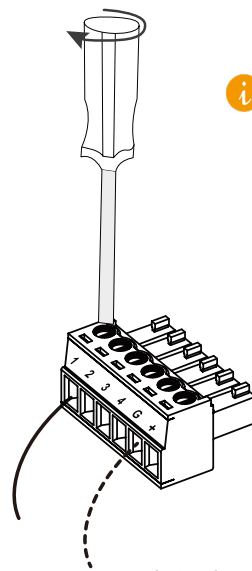
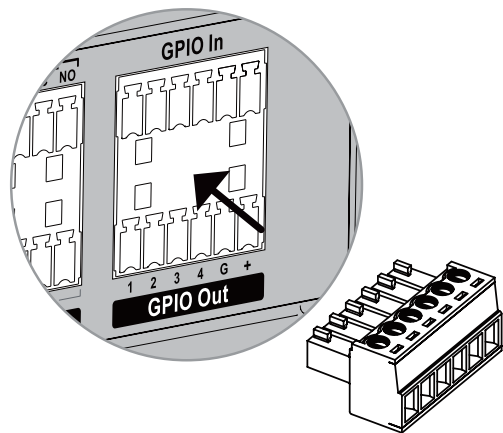
i The cable connected to the infrared emitter's positive terminal is identified by light gray striped markings.

Relay Connector



 The cable is not included , please purchase conductive cable separately.

GPIO Connector



The cable is not included , please purchase conductive cable separately.

To room control device



- Non-powered scenario:

Ports 1, 2, 3, and 4 are functional ports. Connect any one of these functional ports to the meeting room equipment, and connect the ground level of the meeting room equipment to the ground level of the GPIO port to form a circuit.

- Powered scenario (For non-powered devices, it supports providing 12V power supply):

Follow the same connections as above, and additionally connect the "+" port of the GPIO to the meeting room equipment to create two circuits.

Andere Lichter

Anzeige	Aus	Festes Grün
GPIO Licht	In: Die Spannung befindet sich im Anfangszustandswert. Aus: Keine Spannungsversorgung für externe Geräte.	In: Die Spannung ändert sich vom Anfangszustandswert. Aus: Spannungsausgang zu externen Geräten.
Relaislicht	Relaisschalter ist offen.	Relaisschalter ist geschlossen.
RS422/485 Licht	THE ORIGINAL CONTENT IS EMPTY. Keine Datenübertragung. RX: Keine Datenempfang.	THE ORIGINAL CONTENT IS EMPTY. Daten werden übertragen. RX: Daten werden empfangen.
RS232 Licht	THE ORIGINAL CONTENT IS EMPTY. Keine Datenübertragung. RX: Keine Datenempfang.	THE ORIGINAL CONTENT IS EMPTY. Daten werden übertragen. RX: Daten werden empfangen.
IR Licht	Keine Datenübertragung.	Daten werden übertragen.

About Yealink

Yealink (Stock Code: 300628) is a global-leading provider of Unified Communication & Collaboration Solutions specialized in video conferencing, voice communications, and collaboration, dedicated to helping every person and organization embrace the power of "Easy Collaboration, High Productivity".

With best-in-class quality, innovative technology, and user-friendly experiences, Yealink is one of the best providers in more than 140 countries and regions, ranks No.1 in the global market share of IP Phone, and is the Top 5 leader in the video conferencing market (Frost & Sullivan, 2021).

Technical Support

Visit Yealink WIKI (<http://support.yealink.com/>) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (<https://ticket.yealink.com>) to submit all your technical issues.

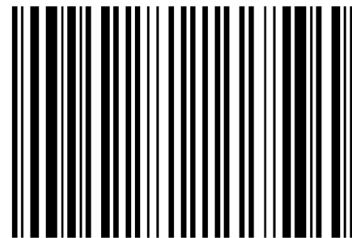


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