The Yealink CT300 is a cutting-edge device navigator built for comprehensive room management, offering effortless control, configuration, and monitoring of all in-room devices. Equipped with versatile hardware interfaces like RS232, Relay, and RS422/485, it ensures seamless integration and flexible automation, delivering intelligent, streamlined solutions for professional room environments.

Key Features

Comprehensive Hardware Interfaces for Seamless Device Control

The Yealink CT300 features an extensive array of hardware interfaces—RS232, RS422/485, Relay, GPIO, IR learning, and IR out control—providing unmatched flexibility for device integration and control. Its versatile connectivity empowers seamless automation and precise management of diverse room devices, making it an ideal solution for professional AV environments.

Efficient Management with Dual Network Ports

With two network ports, the Yealink CT300 enables the separation of management and device control, ensuring secure, efficient network traffic and better overall system performance.

Effortless Third-Party Integration via Open API

Yealink empowers seamless third-party device integration with its powerful Open API capabilities, enabling flexible and customized solutions.

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Hardware Interface

Hardware Overview	• 1* PoE port • 1* RJ45 port • 6* RS232 port • 2* RS422/485 port • 2* IR out port • 4* Relay port • 4* GPIO in/out • 1* IR Learning port • 1* MGMT port • 1* 12V/2A power supply port
RS232	• 2 bidirectional RS232 port • Baud Rate: 300~11520 baud • Pin configurations: Pin1=Tx, Pin2=Rx, Pin3=Gnd
RS422/485	• 2 bidirectional RS422/485 port • Baud Rate: 300~11520 baud • Pin configurations:RS422: Pin1=Tx+, Pin2=Rx+, Pin3=Gnd, Pin4=Tx-, Pin5=Rx- RS485: Pins 1 and 2 (tied together)=data+, pin3=Gnd, pins 4 and 5 (tied together)=data-
IR Out	• 2 IR output port • Carrier Frequency: 34kHz to 42kHz • Pin configurations: Pin1=Tx, Pin2=Gnd
Relay	• 4 normally open relays • Rated: 30VDC, 2A • Pin configuratios: Pin1=Common, Pin2=No
GPIO	• 4 GPIO input/output • GPIO input: analog input or contact closure (up to 24V) with switchable 5V pull-up • GPIO output: open-drain output (up to 24V, 0.3A), default state +3.3V
IR Learning	• Carrier Frequency: Below 38kHz • Capture Distance: Below 4m from the front panel

Power Supply

Power Consumption	• Average: 2.5W • Peak: 3.3W • Standby: 1.7W

Environmental Factors	• Operating humidity: 10~95% • Operating temperature: -10~+45°C • Storage temperature: -30~70°C
Dimensions and Weight (W × D × H)	• Giftbox size: 259 × 193 × 124 mm • Carton size: 635 × 265 × 209 mm • Dimensions: 216 × 160 × 36 mm • G.W/CTN: 12.172 kg • N.W/CTN: 11.458 kg • Weight: 1.24 kg • Quantity/carton: 5 pcs
Installation	
Installation Method	• Rack installation • Flat installation
Other Information	
Package	• CT300 • 1* 3m Cat5 cable • 1* USB 2.0 Type(C-A) Cable • Power adapter (12V/2A) • Mounting ears • Rack installation connection piece • 4* Self-tapping screws + expansion bolts • 4* Screws for the brackets • 8* Screws for mounting ears • Male phoenix connector (2*2pin, 6*3 pin, 2*4pin, 2*5 pin, 2*6pin) • 2* Infrared emitter • Quick start guide
Environmental Factors	• Operating humidity: 10~95% • Operating temperature: -10~+45°C • Storage temperature: -30~70°C
Dimensions and Weight (W × D × H)	• Giftbox size: 259 × 193 × 124 mm • Carton size: 635 × 265 × 209 mm • Dimensions: 216 × 160 × 36.7 mm • G.W/CTN: 9.133kg • N.W/CTN: 8.485kg • Weight: 1.07kg • Quantity/carton: 5 pcs

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).

For more information about Yealink, click here.

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Technical Support

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