

PTB1307

Mirroring Dongle



Specifications

Change History

Document Version	Release Date	Description
V1.0.1	2026-05-09	- Updated content related to product usage. - Updated product specifications.
V1.0.0	2025-09-29	First release.

Introduction

The PTB1307 is a screen mirroring dongle that does not require driver installation and can quickly mirror screens after the Type-C port is connected. It enables wireless connection of audio-visual equipment in conference rooms and classrooms, creating an efficient, aesthetically pleasing, and interactive wireless audio-visual commercial space, allowing images to "soar" through the air.

Appearance



Indicators

Status and Color	Description
Flashing in blue	- When inserted into the receiving device for pairing, the PTB1307 is pairing with the receiving device. - When inserted into the computer, the PTB1307 is connecting to the service end of the receiving device software.
Bright blue	- When inserted into the receiving device for pairing, the software has been updated and the PTB1307 can be removed from the USB port. - When inserted into the computer, the PTB1307 is connected to the service end of the receiving device software and ready for mirroring.
Dim blue	The PTB1307 is mirroring the screen.

Product Usage

Pair with the Mirroring Dongle

Insert the PTB1307 into the Type-C port of the receiving device and wait for about 10 seconds until a prompt saying pairing successful appears, which means the pairing is complete.

Use the Mirroring Dongle

(1) Screen mirroring

Step 1: Insert the PTB1307 into the Type-C port on your computer.

Step 2: Follow the on-screen instructions on the receiving device. Once the connection is successful, press the button to mirror the screen. It takes less than 15 seconds.

(2) BYOM

Step 1: Enable BYOM in the settings of the receiving device and select the corresponding camera/microphone/speaker, then click ✓.

Step 2: Insert the transmitter into the Type-C port on your computer.

Step 3: In the third-party conferencing software, select the camera/microphone/speaker and choose TranScreen UVC from the device list.

Specifications

CPU	Linux 4.19	
DDR	512 MB	
EMMC	8 GB	
Wi-Fi Module	5 GHz/2.4 GHz	
Wi-Fi Bandwidth	867 MHz	
Start-up Time	< 15s	
Operating System	Windows/macOS	
Operation Method	Plug and play, one-touch screen mirroring	
Max Transmission Resolution	TU15 Pro/TU20 Pro	1920×1080@60Hz
	TU4K Pro/TU40 Pro	3840×2160@30Hz

Power Connector	USB 3.0 Type-C
Video Transmission Connector	USB 3.0 Type-C
Touch Feedback	10-point touch
Net weight	116±1 g (including the adapter)
Gross weight	238±1 g
Packing Dimensions	215 mm × 105 mm × 28 mm
Storage Temperature	-20°C to +50°C
Storage Humidity	0% RH to 90% RH, non-condensing
Operating Temperature	+5°C to +38°C
Operating Humidity	0% RH to 85% RH, non-condensing

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| support@novastar.tech