

Nearity BYOM System



System Introduction

BYOM (Bring Your Own Meeting) is the future of video conferencing, allowing participants to connect to pre-existing hardware using their own laptop for a seamless and cost-effective meeting experience.

Nearhub Air/Tail simplifies the way to start conference room meetings. When you walk into a conference room, it connects you to devices like cameras, speakerphones, and displays, allowing users to quickly start a meeting from their laptop in seconds with their preferred video conferencing platform.

Nearhub Tail

Nearhub Tail is a plug-and-play wireless screen projector designed by Nearity for BYOM scenarios. With Nearhub whiteboard, Air, Rooms products to achieve wireless screen projection, and at the same time can wirelessly pull audio and video peripherals connected to the current conference room. Perfect for BYOM needs in various conference room scenarios.



Nearhub Air

Nearhub Air is a wireless decoder developed by Nearity, used with Nearhub Tail as a wireless screen receiving. It can also be connected to Nearity's speakermic A20S/A21S, conference camera V415 and other products, and cooperate with Nearhub Tail to realize BYOM functions. In the BYOM scenario, users can use the conference software on their computers to process meetings, use audio and video devices connected to Nearhub Air, and project the screen to the conference room screen.



Product Features

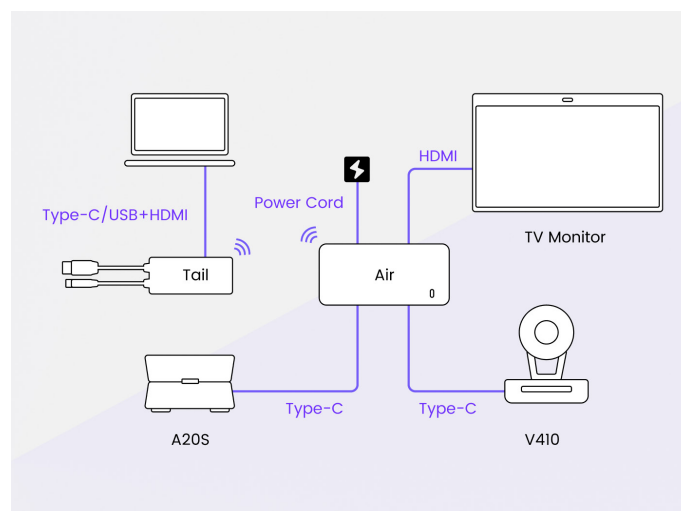
- Nearhub Tail as a wireless projection sender. Match with Nearhub Air/Rooms, or Smartboard.
- Nearhub Air as a wireless screen projection receiver. With its own AP function, Nearhub Tail can connect to the AP of Nearhub Air for wireless casting even if it is not connected to the network.
- Perfectly work with Nearity models like A20S/A21S speakermics, V410/V415/V520D cameras, A40/A50 ceiling array system, tec.
- USB type-C can be connected to the computer as a standard USB docking station
- Cooperate with 3rd party conferencing microphone/speaker/camera peripherals

NEARITY Nearhub Tail Datasheet

Contents	Technical Specifications
HDMI IN	For casting to Screen, maximum resolution 1920×1080
USB Type C	For power supply or two-way audio and video transmission
USB adapter	Through the Type-C to Type-A adapter, it is connected to the USB Type A port of the PC computer for power supply for two-way audio and video transmission
Indicator	Blue
Net Weight	101g

NEARITY Nearhub Air Datasheet

Port	Function
Line in ×1	Audio input interface, 3.5mm port, single input, support stereo audio
Line out ×1	Audio output interface, 3.5mm port, single output, support stereo audio
RJ45 ×1	100Mbps network port, support transmission of network audio and video data streams and network data.
HDMI out ×1	video output, maximum resolution 1920×1080
Reset button	For factory reset
USB (Mic/Camera) ×2	The TPYE c port is used to connect USB peripherals, such as the A20S, V415
USB-Cdevice ×1	USB type c can be connected to the computer as a standard USB docking station
Wifi	IEEE802.11a/b/g/n/ac/ax, AP and WiFi can work simultaneously
Codec	USB: H.264, MJPEG, YUY2; Network: H.264, H.265
Protocol	USB UVC1.0/UAC2.0
OS requires	Windows7, windows8.1, windows10, Mac OS10.10 or higher
LED Indicator	Blue
Power	DC12V/1.5A



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