Nearhub Rooms

Wireless Casting **BYOM** **Video Splicing** **Intelligent Streaming** **Unified Management**

In the multimedia era, it is very important to improve the efficiency and quality of audio and video transmission.

NearHub Rooms is a new audio and video streaming collaboration product, which provides a wealth of intelligent audio and video streaming intelligent collaboration solutions for various meeting spaces and application scenarios with audio and video collaboration needs.

It has functions such as wireless screen projection, BYOM (Bring Your Own Meeting), video splicing, intelligent distribution of audio and video, and unified management capabilities, comprehensively improving the audio and video capabilities of the conference.

Funciton

BYOM brings flexibility and efficiency

BYOM (Bring Your Own Meeting solution, the personal computer is wirelessly connected to the NearHub Rooms through the NearHub Tail, which can directly call the audio and video capabilities of the high-definition camera, microphone/speaker that have been deployed in the conference room, making it an external audio and video device for the computer, and can also be equipped with the wireless screen projection function to achieve large-screen display, no wiring, and efficient deployment.

Multi-party wireless screen projection, collaborative upgrade

NearHub Rooms can be used with NearHub Tail to provide a plug-and-play, driver-free 1080P HD wireless projection experience for conference hosts and monitors that do not have traditional wireless screen projection capabilities.
With the built-in WiFi capability of the device, there is no need for cumbersome APP download and installation process, and BYOD devices such as computers, mobile phones, and tablets can easily and wirelessly project the screen through protocols such as Bozee and Airplay*

Flexible splicing, custom image layout

NearHub Rooms can flexibly combine and adjust video images, which greatly reduces deployment costs
With the USB camera, HDMI-IN, IP camera screen, and wireless screen projection through WiFi or NearHub Tail for custom splicing combination, it supports up to 4 video sources to be freely spliced and combined, and outputs them to the conference host or display device, meeting the intelligent audio and video combination application of modern conference rooms.

Unified management and efficient O&M

With the help of the network connection capability of NearHub Rooms, USB peripherals can be networked, and unified cloud management and maintenance can be carried out through NearHub SaaS, so as to achieve unified monitoring, management, and usage statistics of USB devices in conference rooms.

NearHub Rooms Datasheet

Module	Port	Description
Functions	Wireless Casting	Support NearHub Tail, Bozee and Airplay
	BYOM	Match with Nearhub Tail
	Video Splicing	Up to 4 video sources(1080P)
	Image Layouts	Support image background setting, multiply image layouts are optional
	Audio Matrix	Multi-channel audio input and output configuration to support mixing
Video	HDMI IN	Supports 1080P@60fps HD input
	HDMI OUT	Support 1080P@60fps HD output
	USB-A(VIDEO)*	Support USB Camera image device input
Audio	LINE IN	Support 3.5mm Line IN
	LINE OUT	Support 3.5mm Line OUT
	USB-A(MIC)*	Audio device inputs such as USB microphone or speakerphone are supported
USB	USB-C	Connect to PC, program upgrading and configuration, etc
	USB-A（KVM)	Reserved, used as a KVM function
Network Port	RJ45	Support 10/100/1G Ethernet; Support POE+(IEEE 802.3at)
Wireless	WiFi	2.4GHz, 5GHz dual band, support WiFi6 transmission protocol, IEEE 802.11 a/b/g/n/ac/ax, 2x2 mimo standard
	BT	Bluetooth BT5.2, support LE and BR/EDR
Physical	Power	DC12V/3A
	Dimension	256mm*195mm*192mm
	Weight	826g

*All tech specs are subject to change without notice.

*When connect 3rd party devices, please connect with Nearity team if the audio and video format from the device is compatible with Nearhub Rooms.