

# Yealink AVBridge Datasheet

## Compact Audio Box and A/V Signal Extender

AVBridge is a compact audio box and A/V signal extender, designed for modern meeting spaces to deliver reliable and high-quality audio-visual integration. It includes essential audio processing capabilities and combines 4 × 4 Dante channels, Phoenix connector analog I/O, and USB extension to bridge cameras, DSPs, or other AV devices. It is ideal for pairing with Yealink CM20/CM50 ceiling microphones to form a standard video conferencing audio solution, while also offering a step-up upgrade from integrated audio paths to enable more professional Pro AV room scenarios.



## Features

- Supports audio and video data conversion to USB for seamless conference integration
- Compatible with 1 Dante microphone or up to 4 YeaAudio microphones
- Supports AES67&Dante protocol (4 × 4 Dante channels)
- Compatible with Yealink Room Designer software



4\*4 Dante  
Channel



A/V to USB



One software  
Configuration



One-button  
Deployment



Intelligent  
Design

## Key Features and Benefits

### CM50/CM20-Ready

Supports 1 × CM50 or up to 4 × CM20 with Yealink speakers and third-party Dante/analog speakers—perfect for medium/large rooms and cost-sensitive Pro Audio scenarios.

### Extension for A/V

Functions as an A/V extender to bridge camera or audio signals to the host for flexible device placement—ideal for audio/video extension and BYOM (Bring Your Own Meeting) applications.

### Compact Pro Audio

Mini audio box with 4 × 4 Dante (Tx/Rx) for low-latency, routable audio across your Dante network.

### Essential Tuning Built-In

Matrix mixer for custom routing and PEQ for foundational room tuning; easily adapts to multi-device audio environments.

### Effortless Setup

One-touch deployment button and Yealink Room Designer support for plug-and-play setup with simple, efficient configuration.

## Specifications

### Dante Channels

Parameters	Description
Input Channels	4
Output Channels	4
Frequency Response	100 Hz - 20 kHz
THD+N	≤0.1%
Sampling Rate	48 kHz
Bit Depth	24 bit
Dynamic Range	97dB

## Analog Channels

Parameters	Description
Input Channel	1 × 3-pin Phoenix connector analog input
Output Channel	1 × 5-pin Phoenix connector analog output
Frequency Response	100 Hz - 20 kHz
THD+N	≤1%
Input Dynamic Range	92 dB
Output Dynamic Range	93 dB
Equivalent Input Noise	-86 dBu
Analog Input Gain Range	0 to 11 dB
Analog Output Limiting Range	-10dBV to +4dBu

## USB Channels

Parameters	Description
Sampling Rate	48 kHz/16 kHz
Bit Depth	16 bit/24 bit

## Product Info

Parameters	Description
Product Dimensions	150 × 100 × 28 mm
Product Weight	315 g
Material	PC+ABS
Operating Temperature	0 - 40 °C
Operating Humidity	0 - 95 %RH
Power Supply	POE (Power over Ethernet)
Power Consumption (Full Load)	13 W
Power Consumption (No Load)	8 W

## Logistics Info

Parameters	Description
Package Dimensions	191 × 125 × 88 mm
Gross Weight	616 g
Net Weight	315 g

## Networking

Parameters	Description
Cable Requirements	Cat5e or higher (shielded cable recommended)
Connector Type	RJ45

