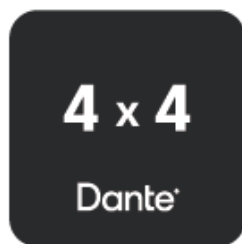# Yealink AVBridge Datasheet

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(4x4 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 - 20KHz
THD+N	≤0.1%
Sampling Rate	48K
Bit Depth	24Bit
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 - 20KHz
THD+N	≤1%
Input Dynamic Range	92dB
Output Dynamic Range	93dB
Equivalent Input Noise	-86dBu
Analog Input Gain Range	0 to 116B
Analog Output Limiting Range	-10dBV to +4dBu

USB Channels

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

Product Info

Parameters	Description
Product Dimensions	150 mm × 100 mm × 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)	13W
Power Consumption (No Load)	8W

Logistics Info

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

Networking

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