

Tech Spec

OneLINK Bridge

AV Interface for HDBaseT Cameras

999-9595-000/001/009 for Vaddio HDBT Cameras

999-9645-000/001/009 for Vaddio HDBT Cameras with Polycom Codecs

999-9675-000/001/009 for Vaddio HDBT Cameras with Cisco Codecs



Features

- Converts any conference room to a BYOD environment, connecting professional AV equipment and delivering a USB 3.0 audio and video stream for soft-conferencing clients
- Two balanced audio inputs, line level or mic level; two balanced audio outputs, line level
- Simultaneous uncompressed USB 3.0, HDMI 1.4b, and 3Gb/s HD-SDI; passes camera IP stream if available
- Administrative control via web interface; passes web, Telnet, and RS-232 serial control to connected devices
- Simple, clutter-free camera installation – power, control, video, and streaming over one cable
- Extends camera installation distance up to 100 m (328 ft.) using Cat-6 cable; 230 ft (70 m) using Cat-5e
- Compatible with Vaddio HDBaseT cameras
- Available in system configurations with Vaddio cameras; kits available for use with Polycom and Cisco codecs

Connector Panel



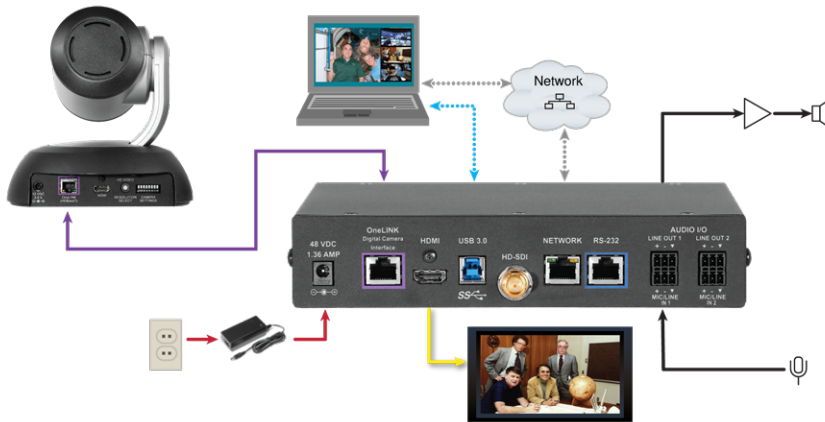
From the left:

- **Power input jack** – Use the supplied 48VDC, 1.36A power supply.
- **OneLINK interface port** – Connect a Cat-5e (or better) cable to the EZIM, or to the camera if your OneLINK kit or system did not include an EZIM. This bidirectional connection carries video, audio (if available), network connectivity including H.264 IP streaming from the camera (if available), RS-232 control, and 12 VDC power.
- **HDMI output** – HDMI output to a connected display.
- **USB 3.0** – Uncompressed video output with PCM audio for conferencing applications
- **HD-SDI** – Video output from the camera
- **Network port** – H.264 IP streaming (if available from the camera), web interface access, and third-party IP control via Telnet API.
- **RS-232 port** – Connect to a camera controller.
- **Audio I/O Line Out 1 and Line Out 2** – Far-end audio from conferencing application or as configured in the audio matrix
- **Audio I/O Mic/Line In 1 and Mic/Line In 2** – Microphone or other audio inputs

What's Included

- OneLINK Bridge camera interface
- 48 VDC, 1.36 A power supply with AC cord set(s)
- 3-position, 3.5mm Phoenix connector plugs (4)
- USB 3.0 cable, 6ft (1.8 m) Type A to Type B
- RS-232 adapter (RJ-45F to DE-9F)
- Quick-Start Guide

Connections



Specifications

Capabilities

Video outputs	Simultaneous HDMI, USB 3.0 and HD-SDI		
USB 3.0 Streaming	Originates USB 3.0 stream with uncompressed video and bidirectional stereo audio	IP Streaming	Passes the stream from the camera, if enabled
Audio inputs	Two mic/line-level channels with noise/echo cancellation; phantom power available	Audio outputs	Two balanced line-level audio outputs
Mixing	6 x 10 audio mixer; audio is routable through all outputs		
Control Features	Web interface for configuration via browser Telnet API for third-party external control Ethernet and RS-232 control pass-through to camera USB Human Interface Device (HID) for room audio controls		
Maximum cable length	328 ft (100 m) Cat-6 cable; 230 ft (70 m) Cat-5e		

Power, Physical, and Environmental

Input Power	48 VDC, 1.36 A	Output Power to Camera	12 VDC, 3.0 A
Height	1.72 in. (4.4 cm)/1U	Width	8.38 in. (21.3 cm)
Depth	6.0 in. (15.2 cm)	Weight	3.3 lb. (1.5 kg)
Operating/Storage Temperature	32° to 104° F (0° to 40° C)	Operating/Storage Humidity	20% to 80% RH, non-condensing

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