

## Tech Spec

### OneLINK Bridge

#### AV Interface for HDBaseT Cameras

For Vaddio HDBaseT Cameras: 999-9595-000/001/009

For Vaddio HDBaseT Cameras with Polycom Codecs: 999-9645-000/001/009

For Vaddio HDBaseT Cameras with Cisco Codecs: 999-9675-000/001/009



## Features

- Converts any conference room to a BYOD environment, delivering a USB stream for soft conferencing clients
- Incorporates Vaddio's market-leading AV Bridge functionality, connecting professional AV equipment to PC applications via USB 3.0 media stream
- Simple, clutter-free camera installation – power, control, video, and streaming over one Cat-5e or better cable
- Extends installation distance for HDBaseT cameras up to 100 m (328 ft.)
- Video with audio: Simultaneous uncompressed USB 3.0, HDMI 1.4b, and 3Gb/s HD-SDI; passes IP stream if available from source
- Two balanced audio inputs – line level or mic level; two balanced audio outputs, line level
- Control via web interface or Telnet; passes web-based, Telnet, and RS-232 serial control to connected devices
- Front panel buttons: Display the IP and MAC address for the device on the display outputs; reboot
- Status lights to show activity – USB, Network, Source, and OneLINK

## Connector Panel



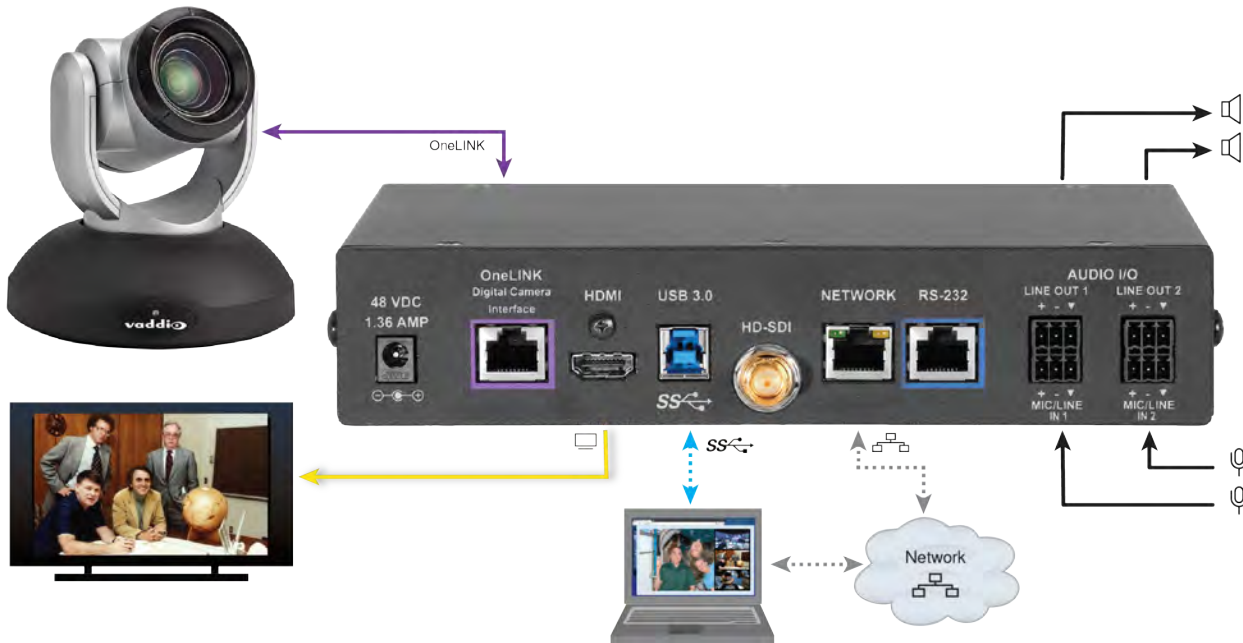
- **48 VDC 1.36 AMP** – Connect only the power supply provided with the unit.
- **OneLINK Digital Camera Interface** – All connectivity to the HDBaseT camera or switcher (or to the OneLINK HDMI EZIM): power, network, control, video, and (if available) audio
- **HDMI** – Video from the connected camera or other source
- **USB 3.0** – Uncompressed video output with PCM audio for conferencing applications
- **HD-SDI** – Video output from the camera
- **Network** – IP streaming (if available from source) and control
- **RS-232** – Control pass-through to the camera
- **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

Conferencing installation with HDBaseT camera (RoboSHOT 20 UHD shown)



### Note

To discover the IP address for the OneLINK Bridge, press the Display IP and MAC Address button. The information is overlaid on the HDMI, HD-SDI, and USB video outputs.

## Specifications

<b>Video outputs</b>	Simultaneous HDMI, USB 3.0 and HD-SDI	<b>Resolution and frame rate</b>	HDMI: Up to 2160p/30 USB: Up to 1080p/60 HD-SDI: Up to 1080p/60
<b>Audio inputs</b>	Two mic/line-level channels with noise/echo cancellation; phantom power available	<b>Audio outputs</b>	Two balanced line-level audio outputs
<b>Mixing</b>	6 x 10 audio mixer; audio is routable through all outputs		
<b>USB 3.0 Streaming</b>	Uncompressed video with PCM audio	<b>IP Streaming</b>	Passes the stream from the camera (or other source), if enabled.
<b>Control Features</b>	Web interface for configuration via browser Telnet API for third-party external control USB Human Interface Device (HID) for room audio controls		
<b>Operating Environment</b>	32°F to 104°F (0 °C to +40°C), 15% to 80% relative humidity, non-condensing		
<b>Storage Environment</b>	-4°F to 140°F (-20° to +60° C), 15% to 80% relative humidity, non-condensing		
<b>Dimensions</b>	Height 1.72 in. (4.4 cm); Width 8.375 in (21.3 cm); Depth 6.0 in. (15.2 cm)		
<b>Weight</b>	3.3 lb (1.5 kg) EZIM (HDMI kits only): 1.2 lb (0.54 kg)	<b>Power</b>	48 VDC, 1.36 A