Tech Spec

OneLINK Bridge

AV Interface for HDMI Cameras

For Polycom EagleEye IV: 999-9620-000/001/009
For Sony and Panasonic: 999-9630-000/001/009
For RoboSHOT HDMI with Polycom Codecs: 999-9640-000/001/009
For Cisco Precision series: 999-9660-000/001/009
For RoboSHOT HDMI with Cisco Codecs: 999-9670-000/001/009
For RoboSHOT HDMI: 999-9690-000/001/009

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

Back Panels

OneLINK Bridge AV interface:
- **48 VDC 1.36 AMP** – Connect only the power supply provided with the unit.
- **OneLINK Digital Camera Interface** – All connectivity to the OneLINK HDMI EZIM
- **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
- **Audio I/O Mic/Line In 1 and Mic/Line In 2** – Microphone or other audio inputs

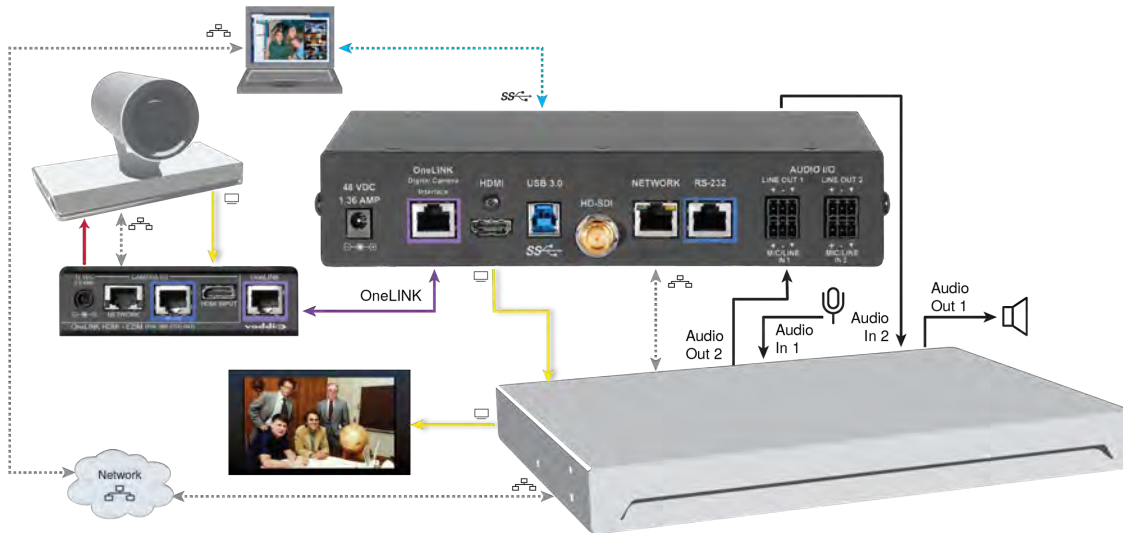OneLINK HDMI EZCamera Interface Module (EZIM):
- **Camera power jack** – Power connection to the camera.
- **Ethernet port** – Passes IP streaming (if available) and control.
- **RS-232** – Bidirectional RS-232 connection for camera control.
- **HDMI connection** – HDMI video signal from the camera.
- **OneLINK interface port** – Connection from the OneLINK Bridge to the OneLINK HDMI EZIM.

What's Included

- OneLINK Bridge camera interface
- OneLINK HDMI EZIM transmitter unit
- 48 VDC, 1.36 A power supply with AC cord set(s)
- 3-position, 3.5 mm Phoenix connector plugs (4)
- Cables and adapters (camera-specific)
- Quick-Start Guide

Refer to the manual for complete packing lists.

Connections

Specifications

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