

## Tech Spec

### OneLINK HDMI

#### Extension System for HDBT Cameras

North America: 999-1105-043

Europe and UK: 999-1105-143

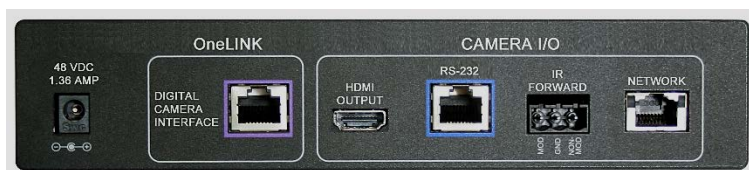
Australia and New Zealand: 999-1105-943



### Features

- Video, power, network, and control on a single Cat-5e(or better) cable
- Distances of up to 328' (100m).
- Works with RoboSHOT™ 20 UHD and other HDBaseT™ cameras
- Simple, economical, fast installations
- Bidirectional control via Ethernet and RS-232
- Transmits and receives uncompressed HDMI® video up to 1080p/60
- Compatible Vaddio rack mounts are available

### Back Panel



From the left:

- **Power Input Jack** – EIA-J04 power connector with positive center for use with supplied 48VDC, 1.36A power supply. This power jack supplies power to the OneLINK system.
- **OneLINK Interface Port** – Shielded RJ-45 jack for connecting a single Cat-5e (or better) cable to the camera. This bidirectional connection carries video, RS-232 and IP-based control, and 12 VDC power.
- **HDMI Output** – Provides HDMI signal from the camera.
- **RS-232 port** – Connect to a camera controller to manage the connected camera using Vaddio's modified VISCA protocol.
- **IR Forwarding** – 3-pin Phoenix-style connector to forward IR signals from the camera, if available. Modulated and non-modulated outputs provided.
- **Network IP Port** – Ethernet port for camera control or access to the OneLINK web interface.

### What's Included

- OneLINK HDMI interface
- 48 VDC, 1.36 A switching power supply
- AC cord set(s)
- Quick Start Guide for OneLINK

## Basic Connections

Here is a fairly simple way to connect a RoboSHOT 20 UHD camera (shown) or other HDBT camera using the OneLINK system. This example also shows a ProductionVIEW PCC connected directly to the OneLINK system via RS-232, with a PCC Premier camera controller also able to control the camera from elsewhere on the network.



## Specifications

### Capabilities

Compatible cameras	RoboSHOT 20 UHD and other HDBT cameras	Video output from camera	HDMI resolutions up to 1080p/60
Power to camera	12 VDC, 3 Amp	OneLINK power supply	48 VDC, 1.36 Amp
Maximum cable length	328 ft (100m) using Cat-5e cable; shielded Cat-6 recommended where EMI/RF interference is an issue		

### Physical and Environmental

<b>Height</b>	1.72 in. (44 mm)/1U	<b>Operating temperature</b>	0 °C to 40°C (32°F to 104°F)
<b>Width</b>	8.375 in. (213 mm)/half-rack	<b>Operating humidity</b>	20% to 80% RH (non-condensing)
<b>Depth</b>	6.00 in. (152 mm)	<b>Storage temperature</b>	0° to 40° C (32°F to 104°F)
<b>Weight</b>	1.55 lbs. (703 g)	<b>Storage humidity</b>	20% to 80% RH (non-condensing)

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Learn more about our cameras, audio devices and controllers at [www.vaddio.com](http://www.vaddio.com).