

## Tech Spec

### OneLINK HDMI

#### Extension System for HDBT Cameras

North America: 999-1105-043

Europe and UK: 999-1105-143

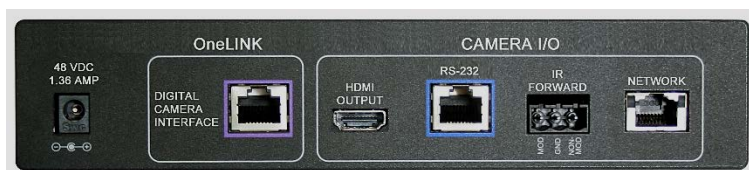
Australia and New Zealand: 999-1105-943



### 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).