

# **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<sup>®</sup> 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 UHDcamera (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	Video output from camera	HDMI resolutions up to
	HDBT cameras		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**

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