

Tech Spec

OneLINK HDMI

Extension System for HDBT Cameras

North America: 999-1105-043

Europe and UK: 999-1105-143

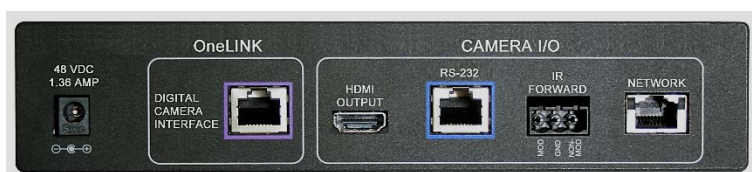
Australia and New Zealand: 999-1105-943



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 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 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

Height	1.72 in. (44 mm)/1U	Operating temperature	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)