OneLINK™ Digital Camera Interface

Vaddio™ OneLINK System for Sony® and Panasonic® HDMI Cameras

HDBaseT™ Video, Power and Control Extension over a Single Cat-5e or Better Cable

Part Numbers: 999-9530-000 North America, 999-9530-001 International

Vaddio's OneLINK System for Sony and Panasonic HDMI Cameras is a digital camera extension system that extends HDMI video, power, network and RS-232 control on a single Cat-5e/6 cable at distances of up to 328' (100m). Without any doubt, this new OneLINK system allows for easier, simpler and faster installations. The OneLINK system sends and regulates power to the camera, provides a bi-directional control channel for Ethernet and RS-232 and transmits/receives uncompressed HDMI video up to 1080p/60 and up to 2160p/30 for the future.

Images: OneLINK HDMI Digital Camera Interface Front Panel (above) and EZIM™ Camera Interface (below).

The system consists of the small OneLINK EZIM (EZCamera™ Interface Module) camera interface at the camera location and the OneLINK HDMI Interface. The EZIM provides the required camera connectivity and is mounted to the underside of the included Thin Profile Wall Mount with two 6-32 x .188" black mounting screws. All the 12" (305mm) patch cables on the camera end are provided with the OneLINK system including an HDMI cable, a power cable and two Cat-5e cables for network and RS-232. The Thin Profile Wall Mount can be mounted directly to a 2-gang sized electrical box for conduit installations or directly to the dry wall with wall anchors.

From one end to the other, the OneLINK system provides system integrators with an easy to install, simple and elegant, single cable camera extension solution, which exemplifies Vaddio's main tenet; The Art of Easy.

WHAT'S INCLUDED

The OneLINK System for Sony and Panasonic HDMI Cameras includes the following items:

- One (1) OneLINK HDMI Interface
- One (1) OneLINK EZIM for the Camera Side
- One (1) 48 VDC, 1.36 Amp Switching Power Supply
- One (1) AC Cord Set
- One (1) 12" (305mm) HDMI Cable
- One(1) 12" (305mm) Sony 12 VDC Power Cable
- One (1) 12" (305mm) Panasonic 12 VDC Power Cable
- One (1) 12" (305mm) Cat-5e Patch Cable for Network
- One (1) 12" (305mm) RJ-45 to 8-Pin Mini Din for RS-232
- One (1) Thin Profile Wall Mount (black) that fits Sony SRG-120DH, SRG-300H and Panasonic AW-HE40H
- Two 6-32 x .188" Black Phillips flat head screws to attach the EZIM to the underside of the wall mount.
  ***Note:** The Mount for the Panasonic AW-HE-130 is sold separately (PN: 535-2000-223).*
- One (1) Quick Start Guide for OneLINK System
(Cameras are not included)

KEY TECHNICAL FEATURES

Supported Cameras

The OneLINK System supports the Sony SRG-120DH, SRG-300H, Panasonic AW-HE40H and AW-HE130. All the camera side cables for these cameras are included in the OneLINK kit.
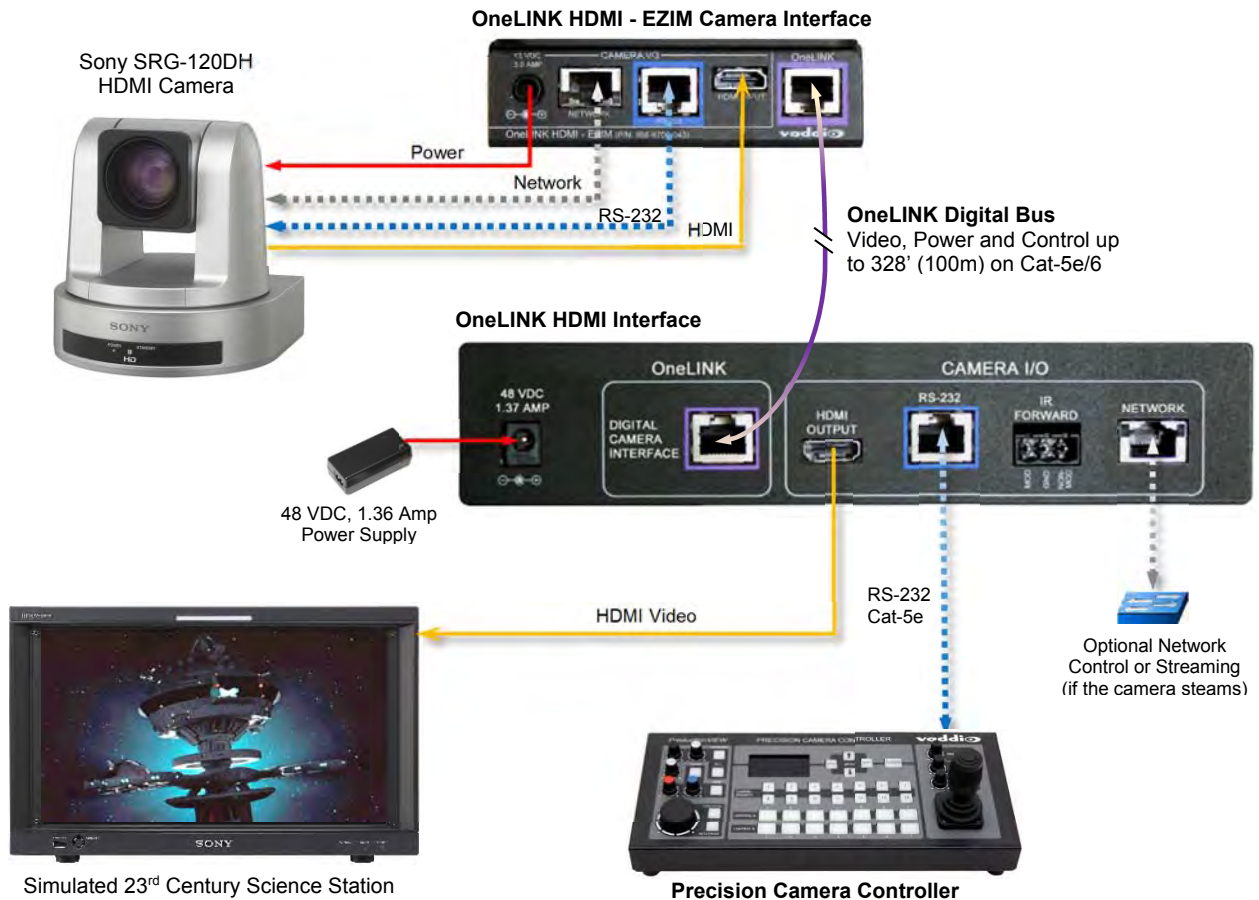

Another Fine Point

The OneLINK system was conceived, designed and manufactured in the USA at Vaddio's HQ in Minnetonka, Minnesota.

OneLINK HDMI - EZIM Camera Interface

Sony SRG-120DH
HDMI Camera

Power

Network

RS-232

HDMI

OneLINK Digital Bus
Video, Power and Control up
to 328' (100m) on Cat-5e/6

OneLINK HDMI Interface

48 VDC, 1.36 Amp
Power Supply

HDMI Video

RS-232
Cat-5e

Optional Network
Control or Streaming
(if the camera steams)

Simulated 23rd Century Science Station

Precision Camera Controller

GENERAL SPECIFICATIONS

Vaddio OneLINK for Sony and Panasonic HDMI Cameras

Part Numbers	999-9530-000: OneLINK System for Sony & Panasonic HDMI Cameras (North America) 999-9530-001: OneLINK System for Sony & Panasonic HDMI Cameras (International)
Compatible Cameras (cameras not included)	Cables included for Sony SRG-120DH & SRG-300H, Panasonic AW-HE40H & AW-HE130. **Note:** The mount for the AW-HE130 is sold separately, PN: 535-2000-223.
HDMI Video Support	HDMI resolutions for Sony/Panasonic cameras up to 1080p/60, and up to 2160p/30 for future.
RS-232 Support	Pass-through
Ethernet Support	Pass-through
Camera Power Support	12 VDC, 3 Amp from EZIM to Camera
Cabling Distances	328' (100m) over Cat-5e/6 (When in doubt about EMI or RF interference, use Cat-6 cables)
OneLINK Interface Power Supply	48 VDC, 1.36 Amp
Connectors on OneLINK Interface	OneLINK Port on Shielded RJ-45F, HDMI Output Receptacle, Ethernet on shielded RJ-45F with LEDs, RS-232 on shielded RJ-45 connector, Power in on 5.5mm OD x 2.5mm ID Coaxial connector (positive Center), IR Forward on 3-pin Phoenix-style connector
Connectors on OneLINK EZIM	OneLINK Port on Shielded RJ-45F, HDMI Input Receptacle, Ethernet on shielded RJ-45F with LEDs, RS-232 on shielded RJ-45 connector, Power out on EIAJ-04 connector
OneLINK Interface Dimensions (H x W x D - not including space-time)	1.72" (43.7mm) H x 8.375" (212.7mm) W x 6.00" (152.4mm) D
OneLINK EZIM Dimensions (H x W x D)	3.861" (98.07mm) H x 4.310" (109.47mm) W x 1.24" (31.5mm) D
OneLINK Interface Weight	1.553 lbs. (703.1g)
OneLINK EZIM Weight	0.553 lbs. (249.5g)
Operating Temperature/Humidity	0°C (32°F) to 40°C (104°F), 20% to 80% Relative Humidity

Learn more about our cameras, audio devices and controllers at 800-572-2011 or vaddio.com

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