



# OneLINK™ Digital Camera Interface

## Vaddio™ OneLINK System for Cisco® Precision 60 Cameras

Video, Power and Network Control over a Single Cat-5e or Better Cable

Part Numbers: 999-9560-000 North America, 999-9560-001 International



Vaddio's OneLINK for Cisco Precision 60 cameras and SX Series codecs is a digital camera extension system that extends HDMI video, power and network control on a single Cat-5e or better cable at distances of up to 328' (100m). Simply put, this HDBaseT™ system allows for simplified and faster installations. The OneLINK system sends and regulates power to the camera, provides a bi-directional control channel for Ethernet and transmits/receives uncompressed HDMI Full HD digital video at 1080p/60 and up to 2160p/30 for the future.

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



The system consists of the small EZIM™ (EZCamera™ Interface Module) at the camera end and the OneLINK HDMI Interface at the codec end with all the required connective cables. The system comes replete with an awesome camera mount that also provides a convenient mounting location for the EZIM and interface cables at the camera location. The EZIM provides the required camera connectivity and is mounted on the back wall of a heavy duty gusseted wall bracket with mounting accommodation for the Precision 60 camera. This Vaddio style gusseted wall bracket can be mounted directly to a 2-gang sized electrical box, allowing for a professional and safe installation in a conduit system.

From one end to the other, the OneLINK system provides system integrators and end users an easy to install and easy to use product based on the vast experience Vaddio has in cameras and cable extension systems.

### WHAT'S INCLUDED

The OneLINK System includes the following devices to extend the Precision 60 camera:

- One (1) OneLINK HDMI Digital Camera Interface
- One (1) OneLINK EZIM (EZCamera Interface Module)
- One (1) 48 VDC, 1.36 Amp Switching Power supply
- One (1) AC Cord Set
- One (1) 12" (305mm) HDMI Cable (camera side)
- One (1) 12" (305mm) Ethernet Patch Cable (camera side)
- One (1) 12" (305mm) Power Cable (camera side)
- One (1) 36" (914mm) HDMI Cable (codec side)
- One (1) 36" (914mm) Ethernet Patch Cable (codec side)
- One (1) Wall Mount and Mounting Hardware
- One (1) Quick Start Guide for OneLINK

*(Camera is not included)*

### KEY TECHNICAL FEATURES

#### Single Cat-5e Cable Solution

The OneLINK System requires a single Cat-5e or better cable to transport power to the PTZ camera, provide bi-directional Ethernet communication and return HDMI from the camera up to a distance of 328' (100m).

#### The Technology

Vaddio's product group has relentlessly strived to use the newest, the best, most relevant and standards based (HDBaseT) technologies available today. The OneLINK HDMI is simply the result.

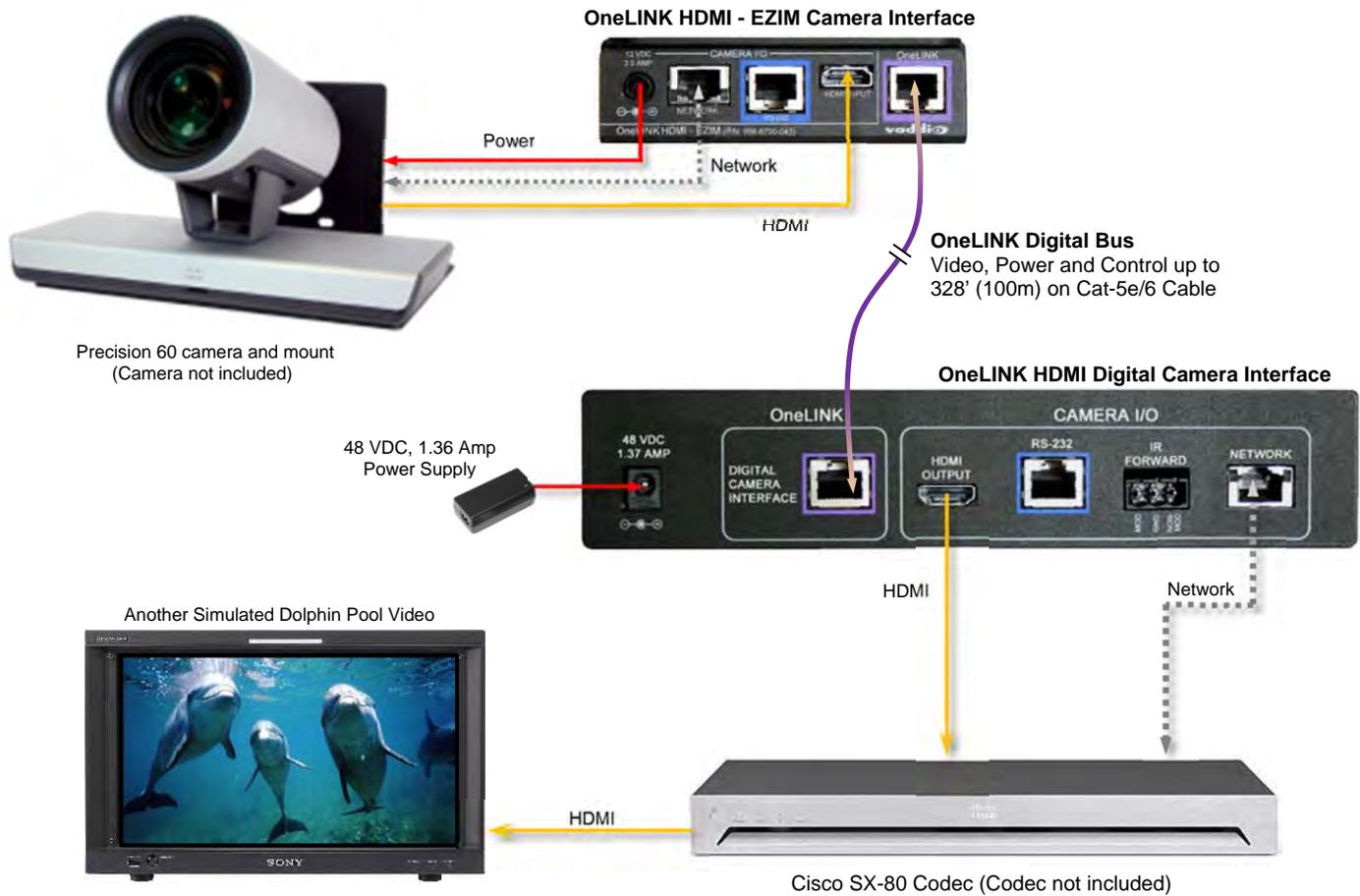
#### Another Fine Point

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



# SYSTEM DRAWING

Configuration Example



## GENERAL SPECIFICATIONS

### Vaddio OneLINK for Cisco Precision 60 Camera

Part Numbers	999-9560-000 (North America), 999-9560-001 (International)
Compatible Camera	Cisco Precision 60 PTZ Camera (camera not included)
Compatible Codecs	Cisco SX-80 Codecs (codec not included)
Control Types Supported	Ethernet and RS-232
Cabling	Single Cat-5e or better cable between the OneLINK Interface and the OneLINK EZIM.
Connectors on OneLINK HDMI Interface	OneLINK Port on Shielded RJ-45F, HDMI Receptacle, Ethernet on shielded RJ-45F with LEDs, RS-232 on shielded RJ-45 connector, Power on 2.5mm x 5.5mm coaxial connector, IR Forward on 3-pin Phoenix-style connector
Connectors on EZIM HDMI	OneLINK Port on Shielded RJ-45F, HDMI Receptacle, Ethernet on shielded RJ-45F with LEDs, RS-232 on shielded RJ-45 connector, Power on EIAJ-04
Supported Resolutions	Up to 1080p/60 for the Precision 60 camera and up to 2160p/30 for the future
Cabling Max. Distances	Up to 328' (100m) over Cat-5e or better cable
Best Practices	If uncertain about EMI interference in the area where the OneLINK is to be installed, use shielded Cat-6 cable for best results
Power Supply	48 VDC, 1.36 Amp Switching Power Supply
EZIM Dimensions	1.72" (43.7mm) H x 8.375" (212.7mm) W x 6.00" (152.4mm) D
OneLINK Interface Dimensions	8.375" (212.72mm) W x 6.0" (152.4mm) D x 1.72" (43.69mm) H
EZIM Flange Bolt Hole	2 holes @ .175" (4.44mm) with 2.5" (63.5mm) on-center spacing
EZIM Mass	0.553 lbs. (0.251kg)
OneLink Interface Mass	1.55 lbs. (0.704kg)

Learn more about our cameras, audio devices and controllers at [800-572-2011](tel:800-572-2011) or [vaddio.com](http://vaddio.com)

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