



This 4K60 over 10G IP Master Control is a powerful and flexible solution for controlling multiple SDVoE (Software Defined Video over Ethernet) based extenders within same network. The user only needs to install this unit into the same local network as the extenders (transmitters and receivers) to easily define and configure channel routing selections (including video, audio, and a variety of control interface types) using the WebGUI. Without the use of this centralized control unit, each transmitter and receiver pair would only be able to function in a point-to-point capacity.

Additionally, this unit supports controlling and configuring the matrix, video wall, and multiviewer modes of connected SDVoE units. The settings of all connected transmitter/receiver units, including IP configuration, compatibility settings, and extender status are clearly displayed within the WebGUI. A trigger input interface is also provided to allow the easy addition of a remote control keypad, or other trigger-supporting products, which can be installed within a podium or table in a conference room or classroom. This interface can allow the user to activate stored macros with the simple press of a button. Standard control is available via WebGUI (remote or local), RS-232, Telnet and IR Remote.

PANELS



Front View

Rear View

FEATURES

- Enables the management and configuration of multiple compatible extenders through a single WebGUI
- Can be powered by Ethernet switches supporting the IEEE 802.3af 2003 PoE standard (Optional)
- Standard control is available via WebGUI (remote or local), RS-232, Telnet, and IR Remote
- Supports comprehensive USB over IP functionality with seamless collaboration across multiple windows
- Control over matrix, video wall, and multiviewer modes using WebGUI macros
- Dual LAN ports enable control over VoIP installations that reside on a logically or physically separate network from the standard local network
- Trigger Control Keypad support for easy, single-button, macro activation (Optional)
- Definable display groups
- HDMI output displays the WebGUI and system status
- Supports the use of a USB mouse and keyboard to locally control the WebGUI
- WebGUI clearly displays the status of all connected Transmitters and Receivers, including IP address, channel selection, etc.
- Provides control over the independent routing of video, audio and control signals between all local compatible transmitters and receivers
- Can generate serial commands to directly control an external serial-controllable device

SPECIFICATIONS

Interfaces	
Output Port	1 HDMI (Type-A)
Control I/O	1 IR Extender (3.5mm) 1 RS-232 (3-pin Terminal Block) 8 Trigger (10-pin Terminal Block) 1 USB (Type-A) 2 LAN (RJ-45)
Reserved Port	1 RS-232 (5-pin Terminal Block)

Video	
HDMI Compliance	1.4
Output Signal Type	1920x1080p@60

Resolutions	
Maximum Output	HDMI 1920x1080p@60

Power	
Power Supply	5V/2.6A DC (Locking)
Power Consumption	2.99W

Enclosure	
Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	231.5mm×25mm×108mm [Case Only] 231.5mm×25mm×117mm [All Inclusive]
Weight	648g

Field Firmware Update	
	USB Flash Drive, WebGUI

ORDERING INFORMATION

Model No.	Product Description
CDPS-CS8-S	AV over IP Master Controller
COH-TR6	HDMI/DP over IP Transceiver
COH-TR7	HDMI/DP over IP Transceiver with KVM Extension
CH-V501TR	HDMI over IP Transceiver
CH-V502TR	HDMI over IP Transceiver with KVM Extension
AVIP-P5101TR-B1C	4K60 HDMI/DP to HDMI Bi-directional AV over IP Transceiver W/HID USB
AVIP-P5101TR-B1F	4K60 HDMI/DP to HDMI Bi-directional AV over IP Transceiver W/HID USB
AVIP-P5102TR-B1C	4K60 HDMI/DP to HDMI Bi-directional AV over IP Transceiver W/USB 2.0 HUB
AVIP-P5102TR-B1F	4K60 HDMI/DP to HDMI Bi-directional AV over IP Transceiver W/USB 2.0 HUB
AVIP-P5104T-B1C	4K60 HDMI/DP to HDMI AV over IP Transmitter with Preview
AVIP-P5104R-B1C	4K60 HDMI AV over IP Receiver
AVIP-P5104T-B1F	4K60 2x1 HDMI/DP AV over IP Transmitter with Preview

DIAGRAM

