



This Transceiver is designed for high-quality, IP routable, AV extension with zero latency. Each single Transceiver can be configured as either a Transmitter or a Receiver depends the requirement of installation facility. The 4K@60 high quality video with HDR 10 bits and multi-channel HD Bitstream audio are able to transmit in pass through mode over SFP+ fiber module up to 30km extension.

PANELS



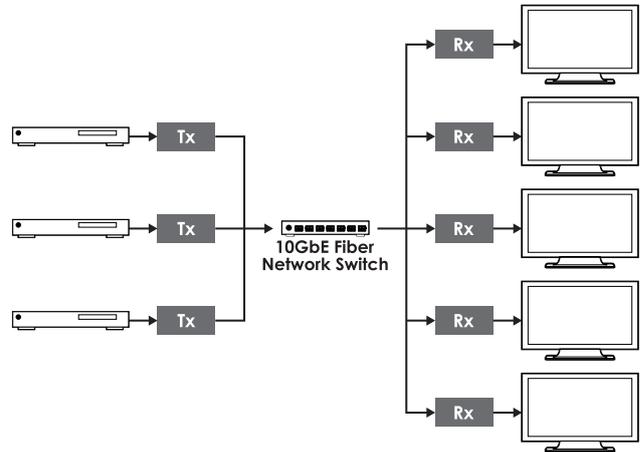
FEATURES

- Visually lossless compression with zero latency
- Signal transmission interfaces with 10-Gigabit Ethernet switches via a single SFP+ fiber module
- Video wall and multi viewer supported (requires optional control center/software)
- Independent breakaway A/V matrix switching (requires optional control center/software)
- USB KVM extension supported
- Pass-through of 10/12-bit HDR sources (Genlock modes only)
- Pass-through of audio formats including LPCM (up to 8 channels), Bitstream and HD Bitstream from HDMI sources
- Analog stereo audio extension, insertion and extraction (insertion and extraction requires optional control center/software)
- Supports the use of an external control center or control software to provide expanded functionality (Contact your authorized dealer for more information)
- 1 HDMI output (Functions as local monitor output in Transmitter Mode)
- 1 analog stereo jack (Functions as an input in Transmitter Mode or an output in Receiver Mode)

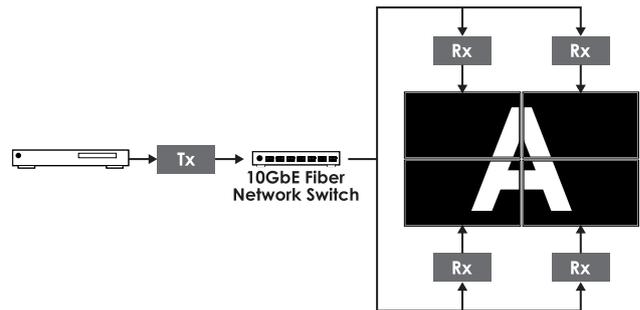
POINT-TO-POINT CONFIGURATION



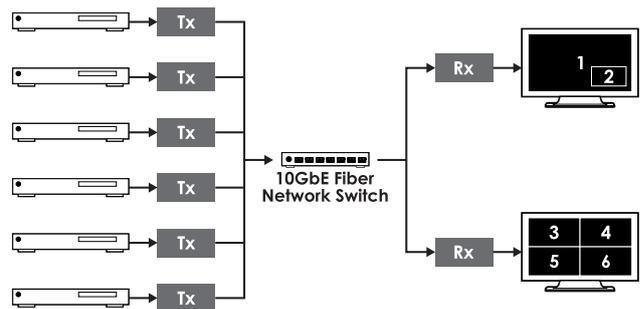
MATRIX CONFIGURATION



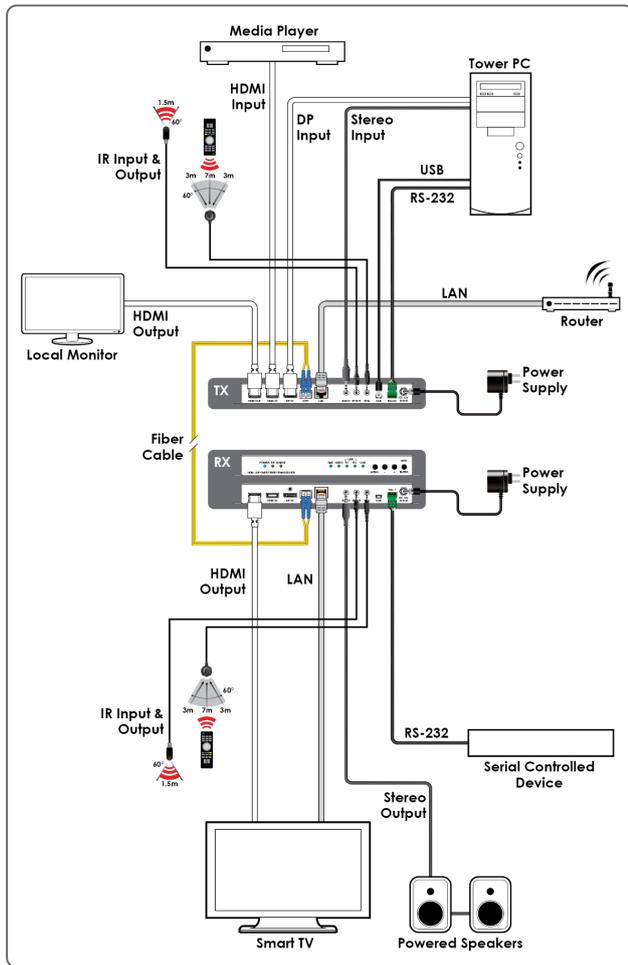
VIDEO WALL CONFIGURATION



MULTIVIEW CONFIGURATION



DIAGRAM



SPECIFICATIONS

Interfaces	
Input Port	1 HDMI (Type-A) 1 DisplayPort
Output Port	1 HDMI (Type-A)
Bi-directional Port	1 10GbE LAN (SFP+)
Control I/O	1 IR Extender (3.5mm) 1 IR Blaster (3.5mm) 1 RS-232 (3-pin Terminal Block) 1 Ethernet (RJ-45)
Audio	1 Unbalanced Stereo (3.5mm) Transmitter: Audio In or Out (depends configuration) Receiver: Audio Out
Service Port	1 USB (Mini-B)

Video	
HDMI Compliance	2.0 (DP 1.4)
HDCP Compliance	2.2
Input Signal Types	HDMI 4K@60, HDR10 DisplayPort HBR2
Output Signal Types	HDMI 4K@60, HDR10
Resolutions	
Maximum Input	HDMI 4096×2160p@60 2560×1600p@60RB DisplayPort 4096×2160p@60 2560×1600p@60RB Ethernet 4096×2160p@60 2560×1600p@60RB
Maximum Output	HDMI 4096×2160p@60 2560×1600p@60RB Ethernet 4096×2160p@60 2560×1600p@60RB

Audio	
Digital Formats	HDMI 8CH LPCM, Bitstream, HD Bitstream DisplayPort 8CH LPCM, Bitstream, HD Bitstream
Analog Formats	Unbalanced 2 Channel
Line Level	Frequency Response: $\pm 0.5\text{dB}$ (20Hz to 20kHz) THD: <math>< 0.02\%</math> (20Hz to 20kHz) S/N Ratio: > 80dB (1kHz with 0dBFS) Crosstalk: <math>< -80\text{dB}</math> (10kHz, $V_{in}=0\text{dBFS}</math>)$

Power	
Power Supply	12V/3A (Locking)
Power Consumption	25W (Full load)

Enclosure	
Chassis Material	Metal
Chassis Color	Black
Dimensions (W×H×D)	231.5mm×25mm×158mm [Case Only] 231.5mm×25mm×166.7mm [All Inclusive]
Weight	916g

ORDERING INFORMATION

Model No.	Product Description
COH-TR6	HDMI/DP over IP Transceiver (Fiber Version)
CDPS-CS7-S	AV over IP Master Controller