



OR-PIP42SDMO

Multi-view Modular Processor with SDM Output Slot



The OR-PIP42SDMO is a 4 x 2 HDMI matrix with Multiview capabilities with many Multiview arrangements and a CYP SDM output module slot. Adding different output SDM modules allows the core OR-PIP42SDMO to be used in many ways.

If you add one of the streaming modules, like the SDM-XT-4K you add a wonderful solution for streaming, it not only combines both streaming and recording functionality but offers rich video processing functions. It makes online broadcasting of live video an easy and simple process. Video content up to 4K UHD is supported and is automatically scaled to a resolution that is more appropriate for efficient streaming.

Change this Module to the SDM-SDV-FTRX and you can integrate the whole core product into an 10G SDVoE AV over IP system or add an HDBaseT module like the SDM-HBT1-TX for integration in a HDBaseT system for up to 100m signal extension. As you can see the flexibility of CYP's SDM product range creates many uses for any single Core SDM product.

The OR-PIP42SDMO has a HDMI output for local monitoring, an audio mixer function, allowing an external audio source to be mixed with the embedded audio of your HDMI source (LPCM 2.0 only) for your video stream or signal extension.

Comprehensive EDID management, intuitive Web GUI, and adjustable Audio functions make this unit a terrific tool for multiple system designs.

PANELS

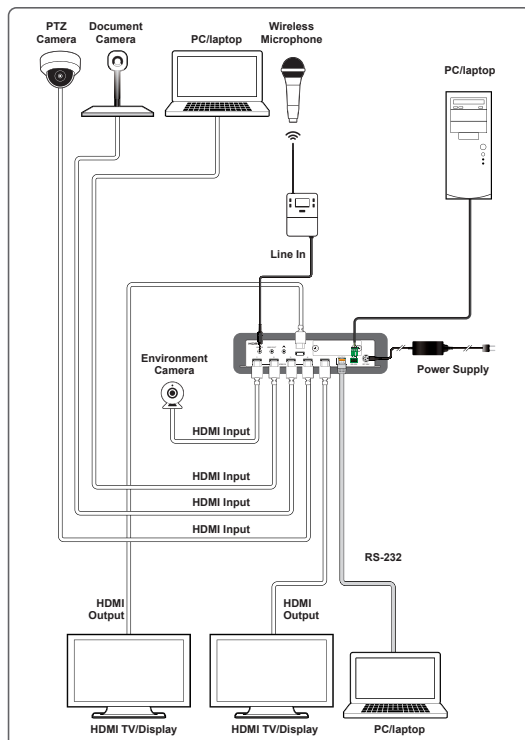


Front View



Rear View

DIAGRAM



FEATURES

- Serves as a signage platform to couple with CYP modular solutions for multiple ProAV purposes
- HDMI inputs and outputs with 18Gbps (600MHz) 4K UHD support
- Seamless switching (no loss of sync to display) when switching sources in 4x2 matrix mode
- Supports PiP (Picture-in-Picture), PoP, quad mode display options with independent audio source selection
- Supports the ability to store a multi-window arrangement as a preset that can be recalled later
- EDID management
- Uploadable and freely positioned graphic logo support
- Supports easy adjustment of window size, position and settings in the PiP windowing mode via the WebGUI
- Controllable via front panel buttons, WebGUI, Telnet, RS-232

SPECIFICATIONS

Interfaces

Input Port	4 HDMI (Type-A) 3 Stereo (3.5mm)
Output Port	2 HDMI (Type-A) 2 Stereo (3.5mm)
Control I/O	1 RS-232 3-pin Terminal Block 1 IP Control (RJ-45)
Service Port	1 USB (Type-A)

Video

HDMI Compliance	2.0 (DVI 1.0)
HDCP Compliance	2.2
Input Signal Types	4K@60 8 bit YUV 4:4:4
Output Signal Types	4K@60 8 bit YUV 4:4:4

Resolutions

Maximum Input	HDMI	4096x2160p@60
Maximum Output	HDMI	4096x2160p@60

Audio

HDMI Input 1,2	LPCM (8 channel, 192kHz) Bitstream High-Definition Bitstream
HDMI Input 3,4	LPCM (2 Channels, 48KHz)
Line In	Max Audio Level: 2Vrms Impedance: 10kΩ Type: Unbalanced

Power

Power Supply	24V/2.7A DC
Power Consumption	24W

Enclosure

Chassis Material	Metal (Steel)
Chassis Colour	Black
Dimensions (W×H×D)	213.5mm×43mm×179.3mm [Case Only] 213.5mm×44mm×180.3mm [All Inclusive]
Weight	1257g

Field Firmware Update

USB Flash Drive, WebGUI

ORDERING INFORMATION

Model No. Product Description

OR-PIP42-SDMO	Multi-view Modular Processor with SDM Output Slot
SDM-XT-FHD	FHD Live Video Streaming and Recording SDM Module
SDM-XT-4K	4K H.265 Streaming SDM Output Module
SDM-XT-C	4K HDMI to USB-C Capture & Recorder Module