UXP-TXS-WP
Single-Channel HDMI AV Transmitter Wall Plate

NUCLEUS
AV Over IP – Simplified

EvertzAV's NUCLEUS is an AV over IP platform developed exclusively for enterprises looking for the highest in quality and reliability while maintaining a simplified user experience.

4K | **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE

Key Features

- One HDMI input (HDMI type A)
- Resolution up to 3840x2160p @ 30 Hz
- RS-232 support for serial communication/control
- 802.3at Type 2 PoE+ support
- Auto-discovery and simplified provisioning features
- Ultra low latency transport over 2.5GbE/1GbE links
- Third-party control support

Standalone AV Transmitter

The UXP-TXS-WP AV transmitter is a no-nonsense, cost-effective, single-channel HDMI video and audio wall plate transmitter. The UXP-TXS-WP has one HDMI input port supporting resolutions of up to 3840x2160p @ 30 Hz and transmits AV content with ultra low latency over its transport link. Additional functionality includes support for 802.3at Type 2 PoE+ as well as RS-232 for serial communication and control. Pair the UXP-TXS-WP with EvertzAV's

UXP-RXS-WP single-channel HDMI AV receiver wall plate for an unbeatable low-cost AV transport solution.

Fully Integrated with the NUCLEUS Platform

The UXP-TXS-WP is a managed element of the NUCLEUS platform which is controlled by the NUCLEUS Session Manager — a full featured centralized management server used for the configuration, control, and orchestration of the UXP AV gateways. Any combination of UXP AV gateways can be interconnected using a COTS (Commercial Off The Shelf) network switch and then configured and managed by the NUCLEUS Session Manager.
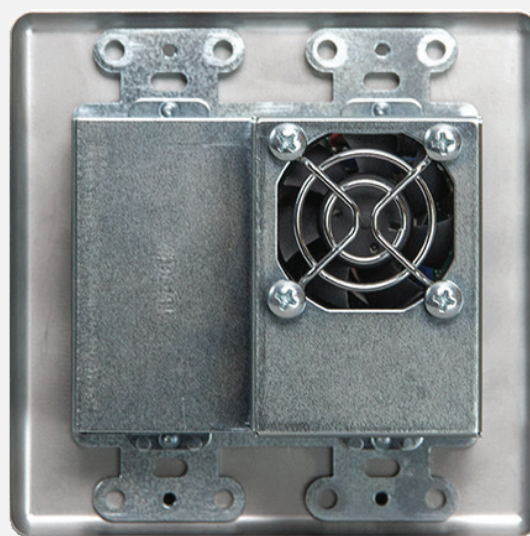
Easy Setup, No Programming Required

The NUCLEUS platform operates on a simplified configuration framework allowing administrators the ability to set up a fully functional AV distribution network in no time at all without the hassles associated with most AV distribution platforms available on the market today. The process has been streamlined so that a UXP AV gateway can be taken out of the box and be put to use in less than five minutes. Whether big or small, deployments of all sizes are handled the same way, using the same consistent process.

Front | **Rear**

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Specifications

Video Inputs	1 HDMI (type A)
Supported Resolutions	Up to 3840x2160p @ 30 Hz
Ethernet Connector	RJ45
Transport Ports	1 2.5GbE/1GbE Multi-Gigabit port
RS-232	2.5mm stereo connector (Optional 2.5mm stereo to DB9 converter cable available – see Available Accessories)
HDMI Audio	Yes
In-Band Control	Yes
Control System	NUCLEUS Session Manager
Web-Based Configuration	Yes (via NUCLEUS Session Manager)
Security Compliance	Compliant with applicable DoD Network Devices Security Technical Implementation Guide (STIG)
Power Supply	802.3at Type 2 PoE+ (provides power to device over Cat6a/Cat7 cable)
Power Consumption	23W
Ambient Operating Temperature	32˚ to 104˚ F (0˚ to 40˚ C)
Relative Humidity	10% to 90% RH (non-condensing)
Dimensions (H x W x D)	3.58in x 4.24in x1.60in (91mm × 107.6mm × 40.6mm) **Note:** Without panel cover.
Weight	9.98 oz (282.93 g)

Ordering Information

UXP-TXS-WP	Single-channel HDMI AV transmitter wall plate: single HDMI input with PoE+ and RS-232 support

Available Accessories

UXP-CBL-SR-DB9F-10	2.5mm stereo right angle to DB9 (female) RS-232 serial cable, 1m length
UXP-CBL-SR-DB9M-10	2.5mm stereo right angle to DB9 (male) RS-232 serial cable, 1m length

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