ISE Debut for MuxLab IP-Based Ethernet Network

Written by Frederick Douglas
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MuxLab announces the ISE 2020 debut of its latest IP-based ethernet network to stream AV from a variety of sources, with receivers connecting a video source to a MuxLab receiver via ethernet.

One component in the system is the HDMI-over-IP H.264/H.265 PoE transmitter, 4K/60 (model 500764), able to stream AV content from the internet with near-zero latency and delivering it locally, remotely or even across the world, so long all equipment is connected on the network. Meanwhile the HDMI-over-IP H.264/H.265 PoE (model 500762) receiver delivers AV to each connected display.

The company says upscaling the system to accommodate multiple sources and displays is "exceedingly easy," with the ability to support hundreds of displays provided the network can handle 4K signal transmission. When configured on a network, multiple sources and displays can be integrated and content can be delivered in a multitude of combinations.

Installers can create user-configurable video walls supporting multiviews for commercial

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applications with a low bandwidth solution. The transmitter also supports an MJPG video codec setting for low latency applications, and provides a 2-channel input that can be delivered alongside HDMI on the receiving end.

The system is compatible with both RS232 and directional IR as remote source control, as well as the MuxLab ProDigital Network Controller (model 500812), an auto-configuration system able to detect equipment and simplify IP system access, configuration and control. It combines with the MuxControl app to turn any smart device into a means for end user access and control.

Sources can connect to the switch using standard CAT5e/6 cable from up to 100m distance, allowing installers to keep equipment securely away from the end user environment. Once connected, the system delivers video at up to 4K@60Hz, with PoE support eliminating power requirements.

Go [MuxLab's New Transmitter Delivers 4K/60 Video Around the World](#)