

Aurora Multimedia uses ISE 2015 to launch a new AV technology-- IPBaseT, supposedly the first to deliver 4K video with "zero" compression and latency over IP, together with audio, control and video wall processing.



IP and AV standard support includes MPEG2, H.264, J.265, JPEG2000, IP USB, HTTP and Dante, among others. However, to take full advantage of the much lauded zero latency installers need to network via fibre optic cabling.

At ISE Aurora showed a couple IPBaseT products, the first being the IPX-TC1. User-assignable as either transmitter or receiver, the unit features x2 HDMI inputs, x1 HDMI output and an RJ-45 1G ethernet port for connectivity with LAN-based devices. An expansion option allows digital audio de-embedding of any source before sending to any Dante-enabled device.

A second device is the the IPX-TXW3 wall-plate input unit with HDMI, DisplayPort and VGA inputs, along with built-in source switching and options for Dante IP audio and USB 2.0.

The two products offer an OSD menu and web-server control, and installers can send audio, video, data and control to multiple units via regular 10G switches. In total the system supports up to 128x128 channels with HDCP.

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