Virtual+Reality

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TECHNOLOGY AT WORK

AVOIP

FUTURE

ATEN UCE3250

devices as well the ability to switch them between remote and local host devices. It has three line inputs for audio, an onboard mixer, integrated amplifier, plus audio features including ducking, PA mute, and assistive listening line out. Also available: AT-OME-CS31-SA with 3 HDMI inputs and AT-OME-CS31-SA-C with 2 HDMI inputs and 1 USB-C input.

The **ATEN UCE3250** has four input ports to serve as a USB hub as well as a powerful extender taking signals from remote USB peripheral devices more than 150ft. all the way back to their computer over Cat 5/5e/6 cable. This USB 2.0-compliant transmitter/receiver pair has a data transfer rate of up to 480 Mbps while housed in durable, wall-mountable metal cases. The remote input unit provides USB bus power for a wide range of peripherals.

The flagship **WyreStorm Technologies NetworkHD 500 Series** offers a full HDMI 2.0 1Gb AVoIP solution. The 500 series can encode up to 4K60 4:4:4 8bit and support high framerate Dolby Vision, HDR10, and HLG content. Advanced processing features include video walls with bezel correction, incredibly fast matrix switching, and ultra-low latency distribution. The 500 series also supports ARC for residential applications along with high-speed USB extension for commercial

Black Box Emerald AV WALL

installs over the most widely used 1Gb Ethernet Networks. WyreStorm's NHD-500 is TAA Compliant, adhering to the rigorous standards set by the U.S. Government, and is required for sale to federal agencies.

With the new **Black Box Emerald AV WALL** software feature of Emerald DESKVUE, KVM unites with AV. Designed to meet user requirements for more effective collaboration, this new solution enables interoperability with Emerald IP KVM systems while also supporting non-KVM environments. Complementing Emerald DESKVUE, Emerald AV WALL makes it easy to display a single source from an Emerald system on a video wall for viewing by a larger group. The solution directly supports a 2 x 2 video wall and, with additional Emerald AV WALL units, can support additional monitors. **SVC**

WyreStorm NetworkHD 500 Series

Roadmap 2024

HDBaseT Alliance

The non-stop adoption of peripherals requiring USB connectivity and extension puts innovations improving the experience for both installers and end users at the top of our 2024 roadmap.

Considering the proliferation of the BYOD trend, the growing demand for multi-camera support, along with the EU's standardization of USB-C, there is a strong need for a reliable extension with plug-and-play simplicity over a cost-effective cabling infrastructure. As more of these devices come out with USB 3.0, the call for high-performance connectivity is becoming evident.

With that in mind, we are once again leading the way in answering what our industry demands, with the introduction of the all-new HDBaseT-USB3 standard. This new technology provides a professional-grade extension of not only USB 2.0, but USB 3.2, controls, power, and frame synchronization up to 328 feet (100m) over a single Category cable. The first wave of more than a dozen of these solutions supporting HDBaseT-USB3 was on display in our booth at ISE 2024. **-Effi Goldstein, President of HDBaseT Alliance**