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WyreStorm announces the ISE 2018 reveal of the H2XC Series modular HDBaseT 5Play 4K with integrated audio DSP matrix switchers, featuring a selection of customisable multi-format, multi-platform transmission cards.

An evolution of the H2X series, the H2XC offers more pro AV and large residential options for the distribution of multi-source 4K UHD with HDR and legacy video formats. It also handles multi-source audio matrix switching to multiple zones, including SmartTV function and audio on-demand products.

Like the parent model, the H2XC includes proprietary SmartEDID technology to dynamically remove conflicts when combining 1080p and 4K screens within the same installation. An integrated audio matrix with powerful DSP routes up to 3 separate audio signals per transmission card (depending on card), including ARC, HDMI de-embed from video and separate line-level audio only sources.

The chassis comes as either 10- or 16-way filled with a custom selection of 6 multi-format transmission cards as per customer specification. Cards include the T2-H2X HDMI (offers 4K HDR with multiple audio options up to 70m or 1080p up to 140m, with HDMI in, HDBaseT Class A and mirror HDMI out, S/PDIF audio in, S/PDIF and analog stereo out and IR connectivity) and the TX-H2X-HDBT (offers the same connectivity, but swaps the HDMI input for a Class A HDBaseT Input to for decentralised source connection).

Dedicated video and audio cards enable video and audio zone-expansion respectively, allowing dealers to skew the number of AV inputs and outputs to suit the project. The TX-H2X-VDZ offers HDBaseT in, HDBaseT and mirrored HDMI out and IR to zone, while the TX-H2X-ADZ features HDMI in and out alongside S/PDIF audio in, S/PDIF and analog stereo audio out.

The TX-H2X-VLC and TX-H2X-OM3 cards support 18Gbps transmissions of 2160p 60Hz 4:4:4 and 2160p 60Hz 4:2:2 HDR 12-bit. While the TX-H2X-VLC features HDBaseT Class A transmission to 70m, the TX-H2X-OM3 offers transmission over multi-mode fibre up to 300m. Both cards also feature include HDMI in, mirrored HDMI out, S/PDIF audio in, S/PDIF and analog stereo audio out and IR to zone.

All the above mentioned WyreStorm products ship from Q1 2018.

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