

Crestron Extends DM 3.0 4K Line

Written by Marco Attard
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Crestron expands the DM 3.0 product family with more 4K-capable products, including a 4K/60Hz scaler, a single-gang 4K transmitter and receiver, 4K HDBaseT input cards, 4K HDMI output cards and the DM Ultra Cable.



“The world is adopting 4K at breakneck speed, which is rendering 2K technology obsolete just as rapidly,” the company says. “Additionally, we’re seeing more and more higher resolution devices, such as 2560x1440 output from Apple laptops, which require more signal bandwidth than switchers designed for 1080p and 2K distribution can provide.”

The DM-RMC-4K-SCALER-C is described as a first by the company, being a 4K receiver and room controller featuring a Crestron-developed scaler chip. It converts any resolution and frame rate to any other resolution and frame rate, up to 4096x2160 @ 60Hz.

Meanwhile the DM-powered Wall Plate 4K DigitalMedia Transmitter (DM-TX1-4K-C-1G) and Wall Plate 4K DigitalMedia Receiver (DM-RX1-4K-C-1G) use just a single cable, with CEC allowing the control of many devices right through their HDMI connections.

Crestron offers a pair of 4K input cards-- the 4K DigitalMedia Input Card for DM Switchers (DMC-4K-C) and 4K DigitalMedia Input Card w/Downmixing for DM Switchers (DMC-4K-C-DSP)-- with a single DM or HDBaseT input for DM switchers with modular input slots and a DSP for stereo downmixing of multichannel signals.

Also on offer is the 2-Channel 4K DigitalMedia Output Card for DM Switchers (DMC-4K-HDO), featuring two 4K HDMI outputs and two balanced audio outputs with volume control.

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For cabling Crestron sells the DigitalMedia Ultra Cable, Plenum Type CMP (DM-CBL-ULTRA-P) and DigitalMedia Ultra Cable, Non-Plenum Type CMR (DM-CBL-ULTRA-NP), CAT7a shielded twisted pair cables promising to exceed HDMI specifications as well as carry 10 gigabit ethernet.

The final Crestron offerings are the 1-to-2 4K HDMI Distribution Amplifier (HD-DA2-4K-E), 1-to-4 4K HDMI Distribution Amplifier (HD-DA4-4K-E) and 1-to-8 4K HDMI Distribution Amplifier (HD-DA8-4K-E), which split one 4K HDMI source to two, four or eight separate outputs respectively.

“These new products offer further proof that no other solution can compete with the complete package you get with DM 3.0,” the company says. “With DM 3.0 you get the most innovative products, an installed base of millions of HDMI and HDBaseT ports, the most comprehensive training, and award-winning service and support, including our new live online assistance.”

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