Crestron starts shipping the DigitalMedia NVX series-- a means for installers to transmit 4K60 4:4:4 HDR video over standard 1 gigabit ethernet cable, with zero latency.



The DVM NVX series is an "infinitely scalable" software-defined matrix able to share 4K60 4:4:4 HDR content securely over a dedicated 1Gb copper or fibre network, with no latency or limits. It has a focus on security, with 802.1X authentication ensuring every DV NVX device is explicitly authorised, Active Directory credential management ensuring only authorised administrators gain access and Secure CIP handling secure connections between DM NVX and Crestron control systems.

It consists of encoder/decoder Boxes (DM-NVX-350, DM-NVX-351), encoder/decoder cards (DM-NVX-350C, DM-NVX-351C), and a card chassis(DMF-CI8). DM NVX encoders/decoders feature built-in USB 2.0 routing, DSP and breakaway audio, HDCP 2.2 support, auto-switching, all-in-one encoding/decoding, and native ethernet support, as well as fibre via optional SPF modules.

Patent pending Crestron technology simultaneously encodes/decodes and scales, eliminating latency during video transmission over th enetwork, while intelligent software inside the encoder/decoder boxes and cards makes it easy to configure, deploy and manage entire systems from the web. Installers simply need to choose sources and display, before adjusting settings according to the application and infrastructure.

“Only Crestron DM gives you the ability to deliver field-proven solutions that mix 4K60 HDBaseT, 4K60 fibre, H.264, and now DM NVX, all together on the ultra-reliable Crestron DigitalMedia platform.” the company says. “Whatever your application and infrastructure needs DM brings it all together.”

Go Crestron Now Shipping DigitalMedia NVX Series