DM NVX® AV-over-IP
Anything is Possible

A standards-based solution that sets the standard for the industry. There’s no challenge a DM NVX solution cannot meet, no type of content it can’t distribute — across campuses, throughout offices and around the world.

The #1 AV-over-IP solution across enterprise, education, medical, government, entertainment and esports industries.
Open to your design.
Your network. Your specifications.

DM NVX is a standards-based solution that works with every network. An ecosystem of endpoints designed to work with your network and security protocols. One platform that delivers flawless video, audio, USB and control.

Your network protocols.

Every endpoint built to the highest levels of security.

In fact, DM NVX is the only AV-over-IP solution to achieve the highest level of security certification from the U.S. Department of Defense — from FIPS to JITC security certifications.

Your standards for image quality, latency and security. All meet in one platform.

DM NVX AV routes, distributes and manages all of your content, flawlessly and with no latency. As the only AV-over-IP solution with Pixel Perfect Processing, every image looks as good as the source.
Multi-layer technology.

Multi-layered technology ensures that all content (not just some of it) is routed through a single wire. A platform that delivers greater flexibility and efficiency.

**AUDIO**
Supports the lossless transport of audio signals and stereo audio breakaway across your entire network.

**VIDEO**
The only AV-over-IP solution with Pixel Perfect Processing. Every format, including 4:4:4 and HDR, is picture perfect every time. DM NVX is the standard for AV-over-IP.

**USB**
USB 2.0 routing for use with a wide range or peripherals. Allows for greater flexibility in network design and requires less hardware. Uses standard protocols to expand control across the entire network, which provides greater flexibility, system efficiency, and easier management.

**CONTROL**
Uses standard protocols to expand control across the entire network, which provides greater flexibility, system efficiency, and easier management.

**NETWORK CAPABILITIES**
The only 1Gb solution that works with any network, any application, any design, with no latency. Complete with a full range of enterprise security features.
The standards you use. The interoperability you want.

DM NVX works with industry standards so you can achieve whatever you want. By supporting a broad range of leading video and audio standards, DM NVX ensures interoperability with a complete range of AV systems. You can even extend DM NVX to some of the world’s leading displays with a plug-and-play solution using a DM-NVX-D80-IOAV decoder.
Bridging HDBaseT® systems with AV-over-IP

The only certified HDBaseT to AV-over-IP encoder, the DM-NVX-E760 enables 1-gang AVoIP solutions, hybrid system designs, and planned migration strategies for existing HDBaseT or DM systems. All made possible by native integration with the entire DM product family, giving you the largest selection of endpoints.
Your every need met. Your every expectation exceeded.

DM NVX is an ecosystem of endpoints; products that can work as both an encoder and decoder, each with unique functionality, but act as one. Choose exactly the features you need — get the performance and interoperability you want.
### DM NVX Comparison Chart

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<tr>
<td><strong>Encoder &amp; Decoder</strong></td>
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#### Video

- **Pixel Perfect Processing**: ✓ ✓ ✓ ✓ ✓ ✓ ✓
- **4K60**: ✓ ✓ ✓ ✓ ✓ ✓ ✓
- **4:4:4**: ✓ ✓ ✓ ✓ ✓ ✓ ✓
- **HDR**: ✓ ✓ ✓ ✓ ✓ ✓ ✓
- **HDR10+**: ✓ ✓
- **Dolby Vision®**: ✓ ✓

#### Audio

- **Stereo 2-Channel**: ✓ ✓ ✓ ✓ ✓ ✓ ✓
- **Digital HDMI**: ✓ ✓
- **DSP Downmix**: ✓ ✓
- **Dante**: ✓
- **Audio Standards**: AES67 • Dolby Digital® • Dolby Digital EX • Dolby Digital Plus • Dolby TrueHD • Dolby Atmos® • DTS® • DTS-ES • DTS 96/24 • DTS-HD • High Res DTS-HD Master Audio® • LPCM up to 8 channels

#### Connectivity

- **HDMI Input**: 1 2 1 N/A 1 N/A N/A
- **HDMI Output**: 1 1 1 N/A N/A 1
- **DM® Input**: N/A N/A N/A 1 DM 8G+
- **HDBaseT**: N/A N/A N/A
- **Power Supply**: PoE+ UPoE PoE+ PoE++ / UPoE PoE+ PoE+ via Display
- **Security**: 802.1x / AES-128 / Active Directory® / TLS / HTTPS / SSH / SSL / SFTP

The #1 AV-over-IP solution across enterprise, education, medical, government, entertainment and esports industries. **Learn more at crestron.com/nvx**
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