AVPro Edge HEX & DEX USB 2.0



AVPro Edge introduces the HEX and DEX USB 2.0 over IP extension solution for their MXnet Evolution II ecosystem. The HEX and DEX solution is compatible with high-endpoint systems and delivers seamless connectivity over long distances. USB over IP is highly scalable, and multiple HEX and DEX devices can reside on the network, resulting in unmatched system flexibility. Both the HEX and DEX devices are PoE compatible, reducing the need for external DC power supplies and ensuring outstanding long-term reliability. To achieve futureproof device compatibility, the HEX transmitter includes a USB-C port for host devices, while DEX receiver offers two USB-A and two USB-C device ports, accommodating a wide range of peripherals.

“By leveraging an IP-based architecture, HEX and DEX enables scalable deployments where multiple endpoints can be routed and managed through MXnet's CBOX/Mentor platform,” explained Matt Murray, CTO at AVPro Edge. “This approach eliminates the limitations of traditional USB extension solutions, allowing integrators to create dynamic systems with seamless, reliable connectivity across limitless applications.”

The AVPro MXnet Edge HEX and DEX USB 2.0 over IP solution is ideal for limitless market applications, compatible with numerous HID devices such as keyboards and mice as well as a broad range of higher speed endpoints like PTZ cameras, microphones, external storage transfers, and more. Integration professionals will find countless applications across markets such as Hospitality, Enterprise, Medical, Residential, Education, Data Centers, and Mission Critical Command and Control Centers.

HEX Key Features:

- USB 2.0 over IP
- MXnet V2 Interoperability
- PoE-Powered Endpoints
- USB-C Host Port
- Enhanced Isochronous Device Support
- Integrated OLED Status Display

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- SFP Slot for Fiber Connectivity
- Fanless Cooling Design

DEX Key Features:

- USB 2.0 over IP
- MXnet V2 Interoperability
- PoE-Powered Endpoints
- 2x USB-A + 2x USB-C Device Ports
- Enhanced Isochronous Device Support
- Integrated OLED Status Display
- SFP Slot for Fiber Connectivity
- Fanless Cooling Design

AVPro Edge products feature superior design and manufacturing and are backed by a 10-year advanced replacement warranty, providing integrators with peace of mind knowing they have installed a product built to last from a trusted manufacturer committed to the Pro A/V channel.

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