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AMX launches the N2400 series at ISE 2017-- a range of encoders and decoders able to send 4K video over gigabit ethernet networks with "near-impeccable latency."

The N2400 series devices support 4K video at 60Hz and 4:4:4 (8-bit colour) through JPEG encoding, and deliver content at native frame rates and colour space with just two frames of latency. HDMI 2.0 and HDCP 2.2 support provides compatibility with all current 4K sources and displays.

AMX says the encoders and decoders are easy to integrate with existing video-distribution infrastructures. The devices can be PoE+ powered, and operate via either standard 12VDC power or ethernet connection from the local network switch. Integration is made easiery through use of the same control APIs, software and web interfaces as existing AMX networked AV solutions.

"The 4K market is accelerating rapidly, and more businesses and institutions want to deliver top-tier video content to create the best possible experience for their customers," the company says. "The new AMX N2400 Series enables universities, houses of worship, sporting arenas and corporations to quickly deliver true cinema-quality 4K video to hundreds of displays simultaneously."

Go AMX N2400 Series Encoders and Decoders