

AMX SVSI NMX-DEC-N2625D-WP

4K60 MWC/Dante AV-A Decoder Wallplate (US & UK/EU)

AMX-N26D013 (US)

AMX-N26D013-EK (EU/UK)



The AMX NMX-DEC-N2625D-WP Decoder Wallplate (US & EU/UK Versions)

Overview

The AMX SVSI NMX-DEC-N2625D-WP is a cost-effective, powerfully robust decoder wallplate. It features a high-quality, low-latency 4K60 4:4:4 MWC codec that is ideal for decoding both live video and detailed content in classrooms, meeting spaces, courtrooms, bars, and other applications.

N2600D models support our Virtual Network USB 2.0 Hub technology. These models not only support transport of full-bandwidth USB 2.0 signals, but also enable USB device signals from up to four decoders to be combined and connected to a single USB host on an encoder. A laptop on the meeting room table can now simultaneously connect to multiple remote USB devices such as a camera near the display and an audio DSP in an equipment closet.

Additional features include video preview images, viewable from the built-in web interface or from a touch panel and enhanced support for high-security networks. Decoder wallplates create an elegant and secure installation when installed behind a wall-mounted display.

The NMX-DEC-N2625D-WP supports Dante AV-A, a standard for AVoIP devices created to allow for the interoperability of multiple devices on the network. With Dante AV-A, the NMX-DEC-N2625D-WP is compatible with Dante Controller, Dante Domain Manager, and Dante Director. All signal routing, configuration, and IT-level management for your audio and video devices can now be managed using the same tools.

These Decoder Wallplates are available in two models: NMX-DEC-N2625D-WP-NA (US Version) and NMX-DEC-N2625D-WP-EK (EU/UK Version). Models include both black and white faceplate inserts and wallplate covers to ensure they blend seamlessly within modern decors.

Features

- Dante AV-A
- High-Quality 4K60 MWC decoding with sub-2ms latency
- Video Preview viewable from the built-in web interface or a touch panel
- Virtual Network USB 2.0 Hub
- High-security network support and features, including multicast, VLAN tagging, and QoS
- PoE+ powered with low-power mode for energy savings
- HControl
- Open Direct-Control API

Specifications

VIDEO	
Digital Video Input	Network video over Ethernet via RJ45 port
Digital Video Output	HDMI 2.0
Formats	Dante AV-A, HDMI 2.0, HDCP 2.2 content protection support
HDR	HDR10+, HDR10, HDR
Progressive Input Resolutions	Supports most common HD resolutions up to 4K60 4:4:4
Output Resolutions	720p, 1080p, 4K60 or input resolution if scaler is disabled
Output Scaling	Note: there are no limitations when upscaling. A 4K60 signal can be downscaled to 1080p without issue. Scaling down to 720p from 4K60 is not supported.
Color Space	4:4:4, YUV
LocalPlay/HostPlay	8 playlists
Note	Jumbo Frames Required
Video Wall Construction	Supported within the N2622S, N2625D, or N2625D-EK
Network Video Recording	Not compatible with SVSI NVR

AUDIO	
Input Signal Types	Network audio over ethernet Dante
Output Signal Types	Embedded audio on HDMI or Analog Audio Output
HDMI Audio Formats	8ch PCM
Analog Audio Format	Stereo 2-channel
Dante Audio Format	2-Channel
Dante Audio Sample Rate	44.1 kHz, 48 kHz, 88.2 kHz, 96kHz
Audio Breakaway	Supported

KEYBOARD AND MOUSE	
Keyboard & Mouse	Connect the decoder to the keyboard and mouse and an N2600 Series Encoder to the PC being controlled.

USB 2.0	
USB	Connect the decoder to an end device, such as a USB camera, audio, or USB 2.0 device, and an N2600 Series Encoder to the PC. It supports up to 4 N2622S or N2625D-WP connected to a single N2612S or N2615D-WP.

LATENCY	
Latency	<2-ms Scaling adds one frame of latency (17ms at 60fps)
Switching	Near Seamless with Last Frame Hold enabled

COMMUNICATIONS	
Ethernet - PO	10/100/1000 Mbps, auto-negotiating, auto-sensing, full/half duplex, DHCP and Static IP
HDMI	HDCP, EDID management

PORTS	
PO PoE+	8-wire RJ45 port 10/100/1000 Mbps 10/100/1000Base-T auto-sensing gigabit Ethernet switch port Provides network connection, network AV video, and power to the Encoders and Decoders PoE+ power
IR OUT	<ul style="list-style-type: none"> • 1/8" connector • Provides Infrared (IR) output only (33-60 kHz; typically, 39 kHz). Emitter is necessary (not included)
RS232	1/8" connector which provides a serial control interface. Full duplex communication. Available terminal speed settings: 1200-115200 baud rate
AUDIO OUT	3.5mm connector which provides an unbalanced input Dedicated audio input
HDMI OUT	HDMI video output (passive pass-through from HDMI IN only)
USB A CONNECTOR	2 – USB A connectors. Top connector is for USB 2.0 or KVM, Bottom connector is for the KVM only.

CONTROLS AND INDICATORS – FRONT PANEL	
RESET BUTTON	Recessed pushbutton Press to initiate a 'warm restart' causing the processor to reset, but not lose power. A reset does NOT affect the current settings
ID BUTTON	Recessed pushbutton Press to send a notification out on the network to identify the unit (the notification causes a pop-up dialog in N-Able and N-Command)
POWER LED	On solid (green) when operating power is supplied (via PoE or local power supply) This activity is also shown by the PWR LED on the rear panel
STATUS LED	On flashing (green) when there is software activity This activity is also shown by the STAT LED on the rear panel
STREAM LED	On (green) when the unit is streaming video
HDCP LED	On (amber) when HDCP is detected
LINK/ACT	Ethernet activity and status LED depicting the status of the ethernet connection.
HDMI VIDEO LED	On (green) when there is a connection to a valid HDMI sync
AUDIO LED	On (green) when the analog audio setting is enabled

POWER SUPPLY	
Power over Ethernet (PoE+), External, Optional	<p>Can be powered via a PoE+ switch or other equipment with a PoE+ source. Conforms to IEEE 802.3at Class 4 (802.3at Type 2)</p> <p>NOTE: For the unit to receive Power over Ethernet (PoE+), it must be connected to a switch or other equipment that has a PoE+ PSE (Power Sourcing Equipment) port</p> <p>Warning: Do not run wiring connected to a PoE+ PSE port outside of the building where the PSE resides.</p> <p>It is for intra-building use only</p>

ENVIRONMENTAL	
Temperature	32° to 104°F (0° to 40°C)
Humidity	10% to 90% RH (non-condensing)
Heat Dissipation	Up to ~44 BTU/hr.

GENERAL	
Product Dimensions (HWD)	<p>AMX-N26D013: 4.2" x 5.2" x 2.3" (106.68mm x 132.08mm x 58.42mm)</p> <p>AMX-N26D013-EK: 2.8" x 8.3" x 2" (71.12mm x 210.82mm x 50.8mm)</p>
Weight	<p>AMX-N26D013: 0.92 lbs (0.42 kg)</p> <p>AMX-N26D013-EK: 0.77 lbs (0.35 kb)</p>
Shipping Weight	<p>AMX-N26D013: 1.58 lbs (0.72 kg)</p> <p>AMX-N26D013-EK: 1.32 lbs (0.60 kg)</p>
Regulatory Compliance	FCC, CE, KC, and UL

