

AMX NMX-DEC-N2625-WP

MWC 4K60 4:4:4 Decoder Wallplate (US & EU/UK)

AMX-N26D012 (US)

AMX-N26D012EK (EU/UK)



The AMX NMX-DEC-N2625-WP Decoder Wallplate (US & EU/UK Versions)

Overview

The AMX SVSI NMX-DEC-N2625-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.

Additional features include transport of full-bandwidth USB 2.0 signals, 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.

These Decoder Wallplates are available in two models: NMX-DEC-N2625-WP-NA (US Version) and NMX-DEC-N2625-WP-EK (EU/UK Version). Models include both black and white faceplate inserts to ensure they blend seamlessly within modern decors. The EK model also includes black and white wallplate covers.

Compatible encoders include the NMX-ENC-N2615-WP Encoder Wallplate and the N2600 “S” models, including the NMX-ENC-N2612S Encoder and NMX-ENC-N2612S-C Encoder Card.

Features

- High-Quality, Low-Latency 4K60 MWC decoding
- Video Preview viewable from the built-in web interface or from a touch panel
- USB 2.0 Transport
- High security network support and features, including multicast, VLAN tagging and QoS
- PoE powered with low-power mode for energy savings
- Open Direct-Control API

Specifications

| VIDEO | |
|-------------------------------|--|
| Digital Video Input | Network video over Ethernet via RJ45 port |
| Video Output | HDMI |
| Formats | HDMI 2.0, HDCP 2.2 content protection support |
| 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 either 4K60 or 1080p is not supported. |
| Color Space | 4:4:4, YUV |
| LocalPlay/HostPlay | 8 playlists |
| HostPlay | TBD image/list |
| Note | Jumbo Frames Required |
| Video Wall Construction | TBD |
| Network Video Recording | Not compatible with SVSI NVR at this time |

| AUDIO | |
|---------------------|---|
| Input Signal Types | Network audio over ethernet |
| Output Signal Types | Embedded audio on HDMI or Analog Audio Output |
| HDMI Audio Formats | 8ch PCM |
| Analog Audio Format | Stereo 2-channel |
| Audio Breakway | 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 USB camera, audio, or USB 2.0 device, and an N2600 Series Encoder to the PC. |

| LATENCY | |
|-----------|--|
| Latency | 16-ms Scaling adds one frame of latency (17ms at 60fps) |
| Switching | Up to 1.25 seconds |

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

| PORTS | |
|-------|---|
| PO | 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 3 (802.3at Type 1)</p> <p>NOTE: In order 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 that is connected to a PoE PSE port outside of the building where the PSE resides. 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) | AMX-N26E011: 4.2" x 5.2" x 2.3" (106.68mm x 132.08mm x 58.42mm) AMX-N26E011-EK: 2.8" x 8.3" x 2" (71.12mm x 210.82mm x 50.8mm) |
| Product Weight | AMX-N26E011: 0.92 lbs (0.42 kg) AMX-N26E011-EK: 0.77 lbs (0.35 kb) |
| Shipping Weight | AMX-N26E011: 1.58 lbs (0.72 kg) AMX-N26E011-EK: 1.32 lbs (0.60 kg) |
| Regulatory Compliance | UL, FCC, and CE |



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