DAV Control Nexus

Dante Device Control Box - DAV-CNX1

Browser based Routing.

Seamless API Integration

- Browser-based Web GUI following the Dante Controller workflow
- Fully PC-free standalone operation
- One-touch switching of Dante routing configurations and system settings
- Flexible integration with major third-party control systems
- Built-in GPIO and relay terminals
- Webhook Outbound support
- High-reliability network design with dual Dante LAN ports
- Secure role-based user management
- Comprehensive network configuration management

Dante®

DAV Control Nexus - DAV-CNX1

Dante Device Control Box

- Intuitive operation via Browser-based Web GUI
- HDMI output and USB HID for standalone operation
- One-touch switching with Presets
- External control integration via Open API
- External device integration via GPIO / Relay
- Event notification via Webhook
- High-reliability network with Dante Redundancy
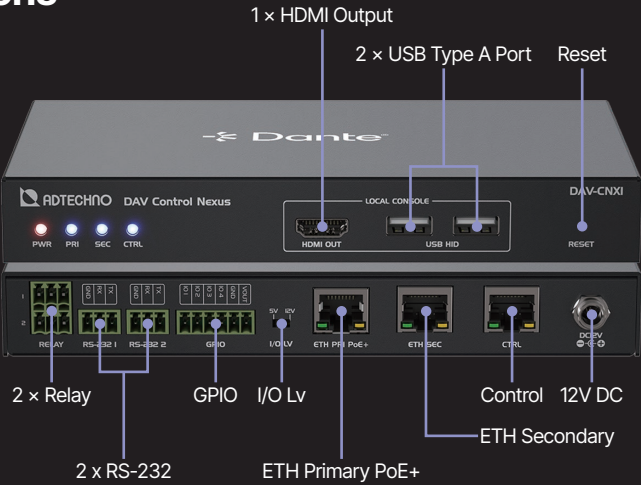- Secure user management
- Centralized network configuration management

Universal 2U EIA Shelf Unit

DAV-02RU4 - Mount Kit for Quad Unit Placement

- EIA 19-inch
- 2U
- Compatible with DAV-CNX1 & DAV-02

Connections

1 × HDMI Output
2 × USB Type A Port
Reset
2 × Relay
GPIO
I/O Lv
Control
12V DC
ETH Secondary
2 x RS-232
ETH Primary PoE+

Specifications

Model No.	DAV-CNX1
Network	1 × RJ-45 w/ PoE+ (IEEE802.3at) - Dante LAN Primary 1 × RJ-45 - Dante LAN Secondary 1 × RJ-45 - Control
RS-232	2 × 3-pin Phoenix Female (*1)
GPIO	1 × 6-pin Phoenix Female - 4 × GPIO, 1 × 12/5V Output
Relay	2 × 3-pin Phoenix Female
GPIO I/O Lv.	1 × Slide Switch (5 or 12V 500mA)
Local Console I/O	1 × HDMI Monitor Out (GUI display) (*2) 2 × USB mouse / keyboard
Reset	1 × Reset Button
Dimensions	180 (W) × 101 (D) × 24 (H) mm (*3)
Weight	-
Power	PoE+ or DC 12V - a screw type DC connector (*4)
Operating Temperature	0 - 40 degrees
Storage Temperature	-20 - 60 degrees
Operating Humidity	0– 90% *noncondensing
Regulatory Compliance	FCC / CE / UKCA / RoHS

*1) port for loop-out   *2) Resolution: 1920×1080 fixed   *3) protrusions not included   *4) PoE+ priority