



The **NETRON EN6D** is a powerful DIN Rail or Wall Mount Ethernet to DMX gateway with six RDM compatible wire terminal or RJ45 outputs.

Easy to configure with a range of integrated presets plus a wide array of advanced merge and routing features it is the ideal device for permanent installations requiring a compact design and flexible wiring options.

The innovative connector configurations allow the **NETRON EN6D** to be configured with RJ45, screw-terminals or IDC (Insulation displacement connectors). All options are included through exchangeable plates, which can be installed on the top /bottom or front of the EN6D, depending on installer preference or space considerations.

Additionally, the DIN Rail brackets can be exchanged with wall mount brackets for an alternative mounting option.

The NETRON EN6D can be powered by POE or the wide range DC Input from 9-48V.

The NETRON EN6D is UL924 compliant with a dedicated emergency cue, wet or dry contact closure and a prominent test button with integrated LED feedback. The device allows to record a custom cue or set all DMX channels to 100%. Emergency off timeout can be customized and individual channels excluded from the emergency cue.

KEY FEATURES

- RJ45, screw terminal or IDC connectivity
- Configurable Top, Bottom and Front ports
- RDM, Artnet and sACN support
- Factory and user presets for plug and play setup
- POE or 9-48V DC power
- 1.3" OLED Display with rotary knob
- 99 Internal cues with fade and delay time
- Emergency Cue System with test button and contact closure
- Remote configuration via internal webpage
- Powder-coated aluminum DIN Rail housing
- Unlocks ONYX NOVA 4-Universe License

SPECIFICATIONS

Mounting

- DIN Rail
- Wall-mount

Connections - Front

- Full color 1.3" OLED display
- Encoder w. Push to Select / Exit Button
- 6-port DMX connection plate (RJ45 or Terminal Block) or Cover Plate
- (2) RJ45 Gigabit Ethernet (1x POE) or Cover Plate

Connections - Top

- (2) RJ45 Gigabit Ethernet (1x POE) or Cover Plate
- DC In (2pin Terminal Block)
- USB-C (5V/2A)

Connections - Bottom

- 6-port DMX connection plate (RJ45 or Terminal Block) or Cover Plate
- Emergency Contact (3pin Terminal Block, Dry Contact or 12V)

Physical

- Length: 119 mm (4.7 in.)
- Width: 180mm (7.1 in.)
- Height: 54 mm (2.1 in.)
- Weight: 0.8 kg (1.8 lbs.)

Electrical

- POE 802.3af
- DC 9-48V
- USB-C (5V/2A)

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Approvals/ Ratings

cETLus / CE / IP20 / UL924 / UKCA

ORDERING

Included Items

- (2) DIN Rail clamps
- (2) Wall mount plates
- 6-port RJ45 Connection plate
- 6-port Terminal Block Connection plate
- (6) Screw Terminal with security screws
- (6) IDC Connector with security screws

SKU

- US #: NDR613
- EU #: 1330000083

C9N3

DIMENSION DRAWINGS

Drawings not to scale.

