

RDM6D

TECHNICAL DATA | REV A

OBSIDIAN™
CONTROL SYSTEMS



The **NETRON RDM6D** is a powerful DIN Rail or Wall Mount DMX/RDM splitter with six wire terminal or RJ45 outputs.

Designed with rugged, opto-isolated outputs it is the ideal device for permanent installations requiring a compact design and flexible wiring options.

The innovate connector configurations allow the **NETRON RDM6D** 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 RDM6D, 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 RDM6D** can be powered by with a wide range DC Input from 9-48V.

The **NETRON RDM6D** 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
- DMX, RDM support
- 9-48V DC power
- Emergency Cue System with test button and contact closure
- Powder-coated aluminum DIN Rail housing

SPECIFICATIONS

Mounting

- DIN Rail
- Wall-mount

Connections - Front

- 6-port DMX connection plate (RJ45 or Terminal Block) or Cover Plate
- 2-port DMX In / Thru connection plate (RJ45 or Terminal Block) or Cover Plate

Connections - Top

- (2-port DMX In / Thru connection plate (RJ45 or Terminal Block) 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: 4.7" (119mm)
- Width: 7.1" (180mm)
- Height: 2.7" (67mm)
- Weight: 0.8 kg (1.8 lbs.)

Electrical

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

Approvals/ Ratings

- cETLus / CE / IP20 / UL924 / FCC / UKCA

ORDERING

Included Items

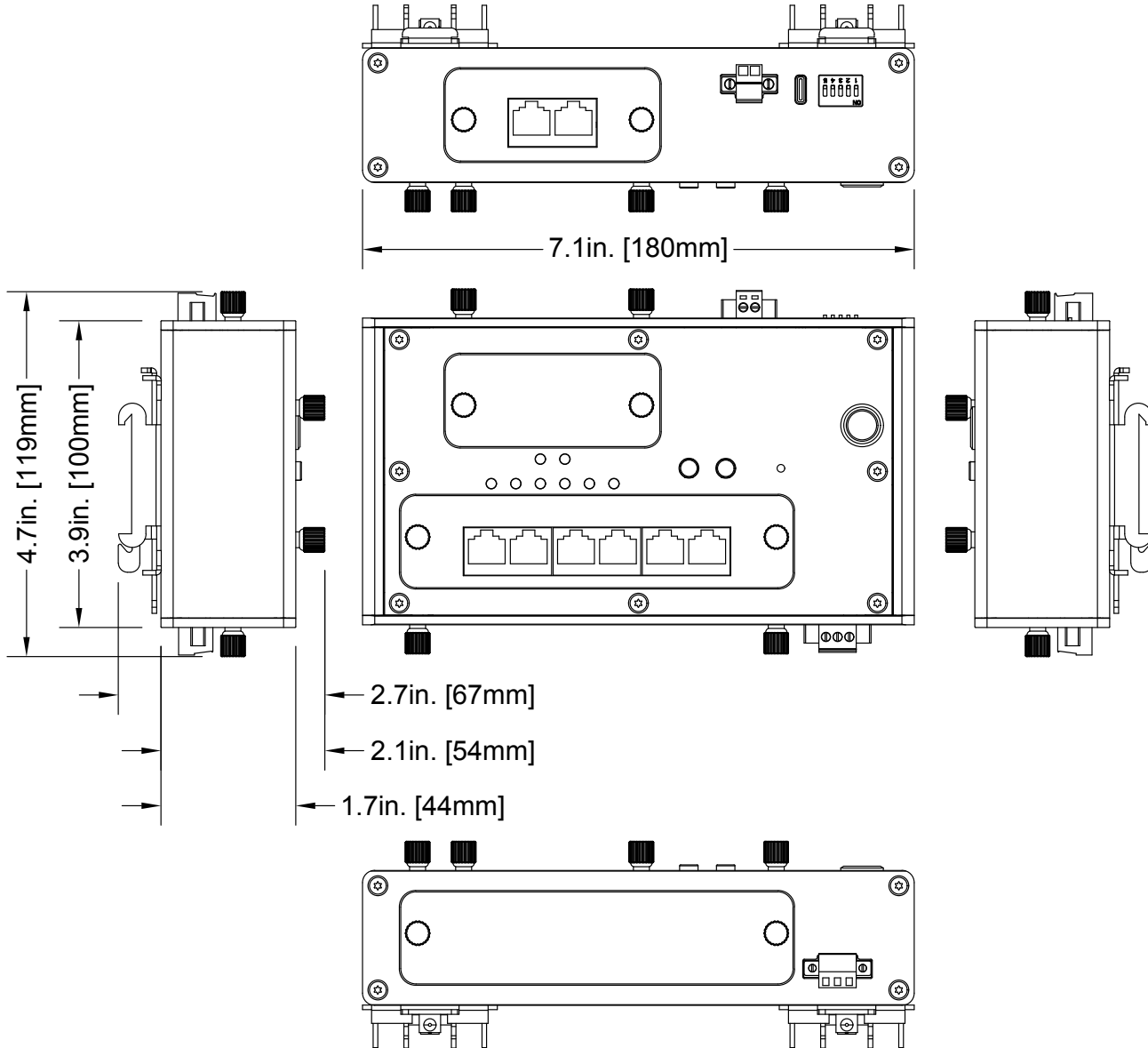
- (2) (2) DIN Rail clamps
- (2) Wall mount plates
- 6-port RJ45 Connection plate
- 6-port Terminal Block Connection plate
- 2-port RJ45 Connection plate
- 2-port Terminal Block Connection plate
- (9) Screw Terminal with security screws
- (9) IDC Connector with security screws

SKU

- US #: NDR601
- EU #: 1330000083

DIMENSION DRAWINGS

Drawings not to scale.



RAMBO