

NovaStar CVT-10 Pro

The NovaStar CVT10 Pro is a rugged, IP65-rated single-mode fiber converter featuring ten Gigabit Ethernet ports that reliably bridges long-distance signal runs for NovaStar LED display systems.

Its versatile, outdoor-rated 2U design for both truss and rack mounting makes it ideal for demanding event production and touring applications requiring stable, long-distance signal transmission.

- Converts single-mode fiber signals to ten full-duplex Gigabit Ethernet outputs.
- Features redundant fiber inputs and Ethernet outputs for guaranteed signal stability.
- Built with 10G optical modules for high-capacity, long-distance signal conversion.
- Equipped with durable Neutrik PowerCON and etherCON connectors for secure connections.
- Designed for seamless integration with all NovaStar processors and control systems.
- Includes an auto-ranging power supply for flexible operation worldwide (100-240 VAC).



SPECIFICATIONS

Construction / Physical

Dimensions: 19x11x3.5 in (482.6x280x88.1 mm)

Weight: 13 lb (5.9 kg)

Mounting: 2U Rackmount Screws, 2x M10 Clamps

Connections

Fiber Port(s) Type: 10 G, 1,310 nm Single Mode, 10 km Transmission Distance

Signal Connector (Fiber): Dual LC, Neutrik opticalCON DUO

Signal Connector (Ethernet): Neutrik etherCON

Firmware Update Port: USB type-B

Fiber Module Config: Primary & Backup (both preinstalled)

Display: LED Power/Signal Indicators

Electrical

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Power/Current (120V, 60 Hz): 150 W / 1.25 A

Power/Current (280V, 60 Hz): 150 W / 0.73 A

Power/Current (230V, 50 Hz): 150 W / 0.66 A

Power/Current (240V, 50 Hz): 150 W / 0.63 A

Certifications / Qualifications

Listings: EMC, LVD, FCC, CE, RCM, RoHS

IP Rating: IP65 (temporary outdoor)

Thermal Dissipation: 512 BTU/hour

Operating Temperature: -4 °F to 158 °F (-20 °C to 70 °C)

Required Accessories

Required Software: Novastar COEX VMP

Controller (required): Novastar MX-series

What's Included

1pc Fiber Converter

1pc power cord