# CNXHUB

# Cresnet® Hub

The CNXHUB is a 6-segment Cresnet hub designed to facilitate the configuration of large Cresnet networks. Cresnet is the communications backbone for Crestron touchpanels, keypads, lighting dimmers, and many other devices. This flexible 4-wire bus normally supports approximately 20 Cresnet devices and 3000 feet of Cresnet wiring without requiring a hub.

Larger systems are easily enabled by adding the CNXHUB. The CNXHUB features 6 isolated Cresnet segments, each supporting another 20 devices, allowing for systems of approximately 120 devices total. More hubs may be added to allow up to a maximum potential of 252 devices.\*

The CNXHUB may be rack-mounted using the optional ST-RMK rack mount kit (sold separately).

- > 6-segment Cresnet hub
- > For Cresnet networks with more than 20 devices
- > No programming required
- > 1/2-space rack-mountable

# **SPECIFICATIONS**

### **Connectors**

**NET A - F:** (6) 4-pin 3.5mm detachable terminal blocks comprising (1) Cresnet port per each of (6) segments

### **LED Indicators**

PWR: (1 green) Indicates Cresnet power is supplied to unit via any port Net Activity A - F: (6 yellow) Indicate Cresnet bus activity at NET ports of corresponding hub segment

## Power Requirements

Cresnet Power Usage: 2 Watts (0.084 Amp @ 24 Volts DC)

# Environmental

Temperature: 41° to 113°F (5° to 45°C) Humidity: 10% to 90% RH (non-condensing)

#### **Enclosure**

Chassis: Steel, black matte powder coat finish Faceplate: Extruded aluminum, black matte powder coat finish with polycarbonate label overlay Mounting: Freestanding or 0.5U 19-inch rack-mountable (adhesive feet included, ST-RMK rack kit sold separately)

### **Dimensions**

Height: 1.80 in (4.57 cm); 1.70 in (4.32 cm) without feet Width: 7.07 in (17.96 cm) Depth: 6.32 in (16.06 cm)



#### Weight 1.91 lb (0.86 kg)

\* The actual number of possible devices per segment and per network may vary depending upon the length and geometry of network wiring, and the power requirements of every device. A general rule of thumb suggests approximately 20 devices, an aggregate of 3000 feet of cable, and up to a 75 Watt load per segment (wiring and devices permitting). In any case, 252 is the maximum number of possible devices on a complete Cresnet network. Contact Crestron True Blue Support for further design assistance.

**Available Models** 

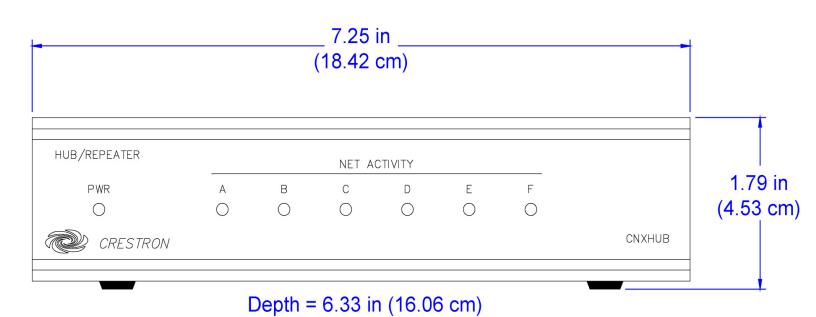
**CNXHUB:** 6-Segment Cresnet Expander Hub

# Available Accessories

ST-RMK: Rack Mount Kit



# **CNXHUB Cresnet® Hub**



CE В С D Е F А 24 Y Z G 0 CRESTRON ELECTRONICS INC. ROCKLEIGH, N.J. 07647 USA