

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

