

### NC554/8 Network Switch

#### DESCRIPTION

The NC554/8 8-port network switch is used to create the Tek-CARE® Network. This network provides data transmission between Tek-CARE nurse call systems, the Tek-ALERT® alert integration manager, and the Tek-CARE® Appliance Server from the Tek-CARE central equipment (CE) to Master Stations, enabling some ancillary features that are too data intensive for just one CE connection.

The network switch is used in these scenarios:

- Connect multiple master stations, an NC475 Tek-CARE Appliance Server and/or a laptop computer to the single network port on a Gen2 module.
- Each Ethernet cable segment can be up to 328 feet (100 meters). Use multiple network switches between Gen2 master stations and the CE to extend the distance to a maximum of 1000 feet (305 meters).
- Increase distance between CE Modules using NC554/8 network switches and NC556 Ethernet to Fiber Converters.
- Add multiple foreign devices by connecting their CT601 Serial to IP Converters to the Tek-CARE Appliance Server.

These fast Ethernet switches automatically detect the type of network (auto negotiation) and type of cable (auto MDIX) and configure themselves, making for a Plug-and- Play networking solution. The NC554/8 8-Port Network Switch allows up to 7 Ethernet devices to connect to the Tek-CARE Network.



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#### SPECIFICATIONS

- Standards: IEEE 802.3, IEEE 802.3u
- External Ports: 8 (NC554/8) Female 8P8C
- Cable Length: 328' (100 m) maximum
- Enclosure Type: Plastic
- Dimensions: 5.5"W × 3.5"L × 1.1"D  
(140.4 mm × 89.1 mm × 28 mm)
- LED Indicators: Power, plus 1 Link/Activity per 8P8C port
- Power Adapter: Included
- Environment: 0°C–40°C (32°F–104°F), 10%–90% Relative Humidity

#### FEATURES

- Eight (NC554/8) 10/100 Mbps capable 8P8C Ethernet ports
- Compliant with IEEE 802.3 (10Base-T) and 802.3u (100Base-TX) standards
- Wall mountable or desktop installation options
- No configuration, Plug and Play installation