

NC331 Tek-CARE Hub

*PRELIMINARY*IL1144 Specification Sheet

Tek-CARE3000 Nurse Call System • Rev. 0 - 3/2025

Features

- † Tek-CARE system capacity of up to 250 Tek-CARE Hubs
- † Provides four ports to support Master Stations and Addressable Stations
- † Supports up to:
 - Two Master Station Consoles (NC404TS or NC415G3) *or*
 - One Master Station Console and nine Addressable Stations (three per port) *or*
 - Twelve Addressable Stations (3 per port)
- † Provides one audio channel per port



NC331 Tek-CARE Hub

Description

The NC331 Tek-CARE Hub is a networked device that provides support for up to 12 stations or 2 master station consoles.

The Tek-CARE network is created by using the NC554/15 PoE Network Switch.

Required Components

NC475 Tek-CARE Appliance Server
 NC404TS and/or NC415G3 Master Stations
 IR33x-series Stations
 NC554/15 PoE Network Switch

Specifications

Dimensions:	8.3"H × 5.3"W × 1.4"D (211 mm × 135 mm × 35 mm)
Construction:	PC board with quality electronic components
Input Power:	PoE Switch
Input Voltage:	48-54Vdc
Temperature:	0°–70°C
Humidity:	5–95% (non-condensing)
Mounting:	2-gang electrical box
Wiring:	Control and power over CAT6 cable *CAT5e for retrofit

Listings



UL[®] 1069, UL[®] 2560, and cUL[®] listed to CSA C22.2 No. 205; UL[®] File Number E71599.



RoHS Compliant.

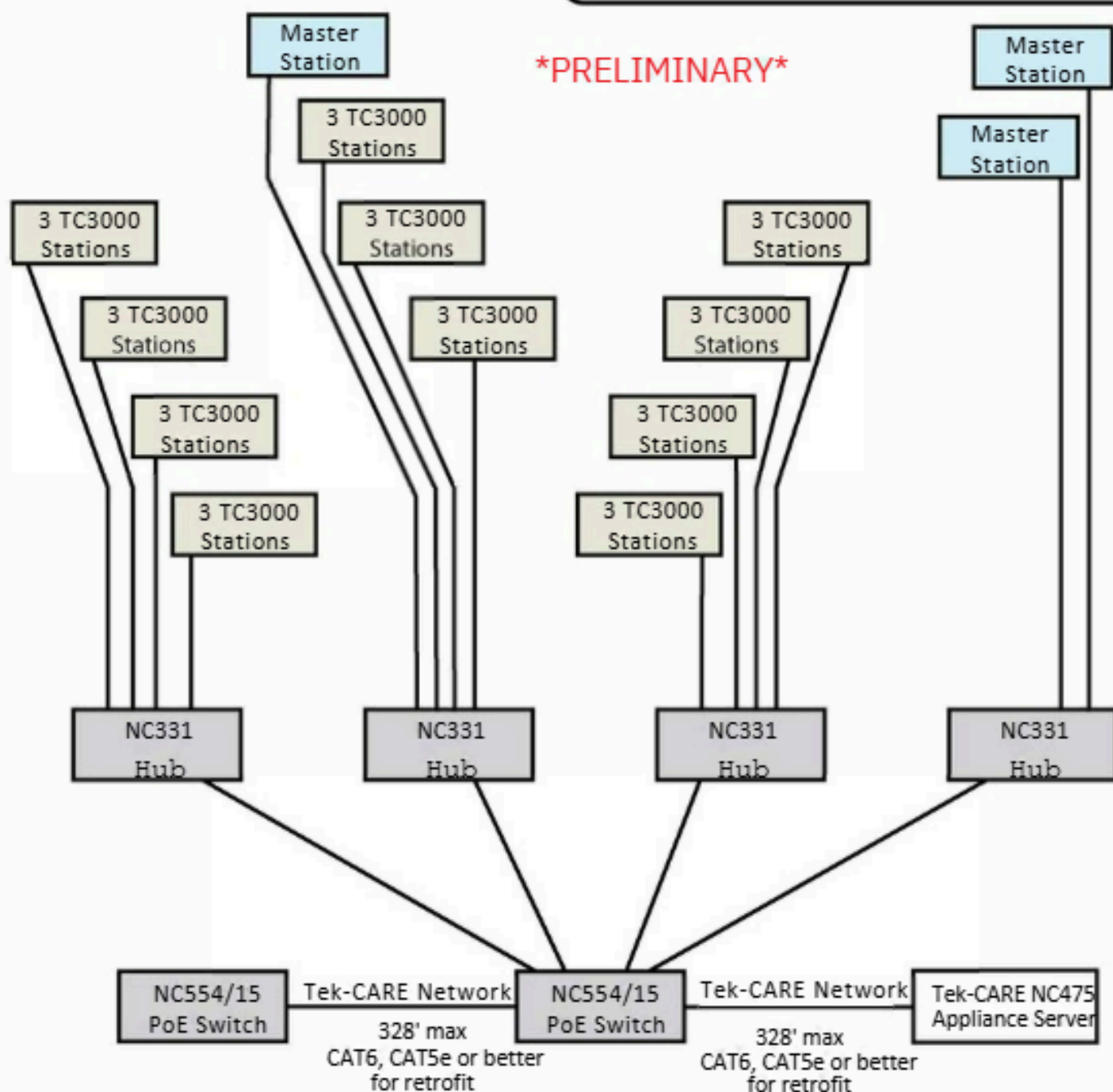
STATS

- Up to 14 NC331 Hubs per NC554/15 PoE Switch
- Up to 2 master stations per NC331 Hub
- Up to 1 master station and 9 addressable stations per NC331 Hub
- Up to 12 addressable stations per NC331 hub

Master/Station Wiring:

- CAT6 cabling for new installations
- CAT5e or better cabling for retrofit
- Wire using straight-through T568B Ethernet cable pin
- Each master/station run is a home run to the NC331
- See IL 1140 for station peripheral wiring
- All switch to switch and switch to NC331 Hub wiring max
- NC331 Hub to master wiring is 175' max
- NC331 Hub to station wiring is 250' max

PRELIMINARY



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