

TR-ST100E

Wireless Pullcord Station



Description: The TR-ST100E Wireless Pullcord Station is a surface-mounted call station with a pullcord to activate a call. The call station can only be reset at the station itself. Easily mounts on a wall or door frame roughly 4ft. from the finished floor.

Operation: When used with the Cornell Nurse Call System, pulling the cord shall activate a wireless system call which alerts staff of the emergency assistance notification. Calls are cancelled by flipping the pullcord switch to the up position.

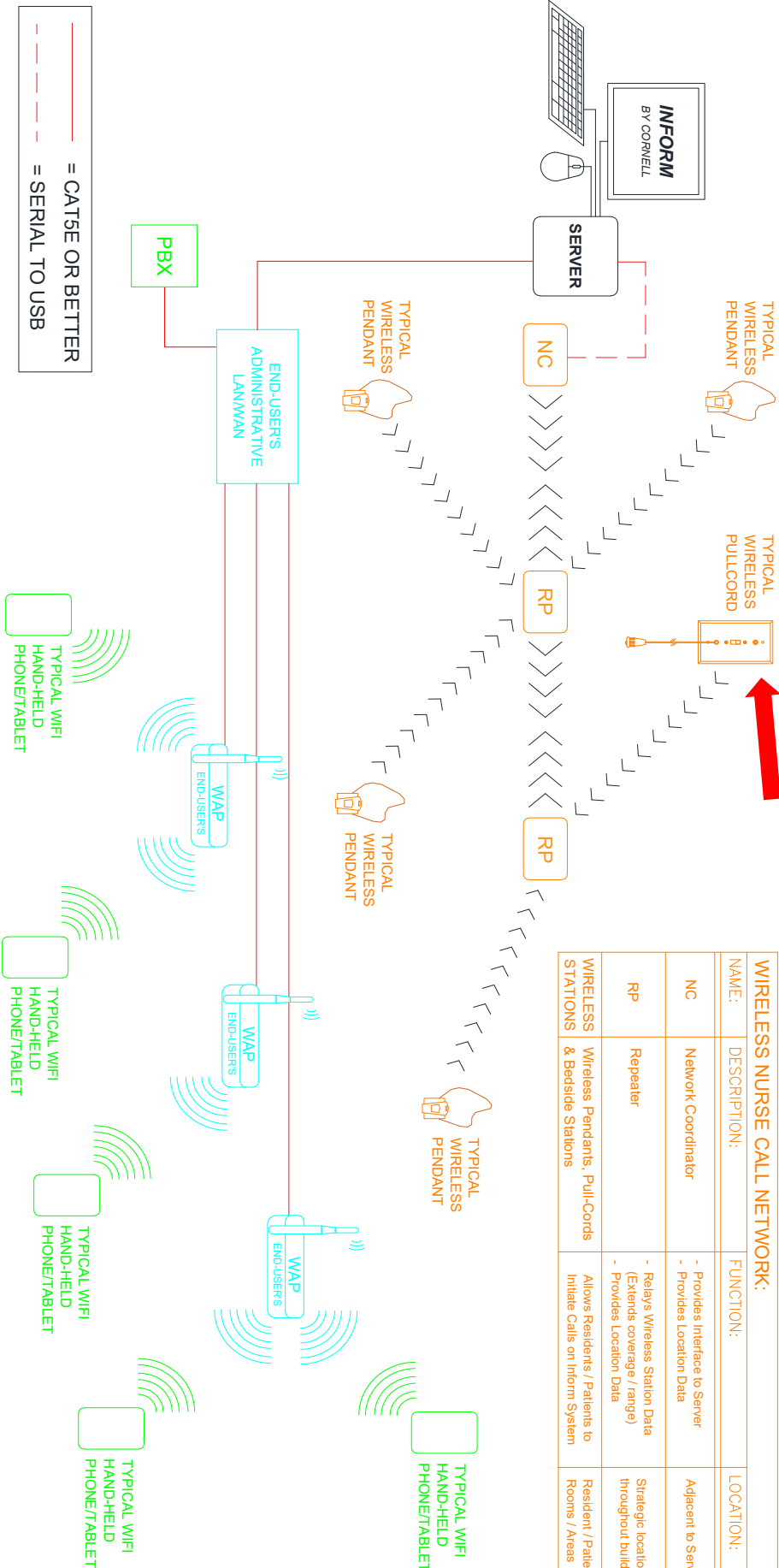
Mounting: Device is typically wall-mounted using the included bracket. Install within the wireless range of any repeater device.

Engineering Specifications: The contractor shall furnish and install the CORNELL TR-ST100E as indicated on the plans. The pullcord station shall be programmed to system specifications. Standard mounting height is 4ft. (48in.) to center from the finished floor. The pre-cut pullcord will hang within 6in. from the finished floor.

Technical Information:

- Dimensions: 2.75"W x 4.5"H x 1.5"D
- Power: 3.0V Lithium battery - included
- Battery Replacement: Duracell DL123A lithium battery
- Battery Life: 4-5 years depending on use
- Operating Environment: 50-120°F Indoor Non-condensing

WIRELESS NURSE CALL NETWORK:			
NAME:	DESCRIPTION:	FUNCTION:	LOCATION:
NC	Network Coordinator	- Provides Interface to Server - Provides Location Data	Adjacent to Server
RP	Repeater	- Relays Wireless Station Data (Extends coverage / range) - Provides Location Data	Strategic locations throughout building
WIRELESS STATIONS	Wireless Pendants, Pull-Cords	Allows Residents / Patients to Initiate Calls on Inform System	Resident / Patient Rooms / Areas



I.P. NETWORK DATA			
NAME:	DESCRIPTION:	FUNCTION:	LOCATION:
SERVER	Small form-factor PC / Server with Monitor, Mouse, & Keyboard	- Functional server "Core" of each Inform System - Regulates system operations and maintains data logs	Secured Administrative Location or Network / Telecom Room
PBX	Private Branch Exchange - (IP-Based)	- Manages flow of Voice Packets across the Network - Provides Voice Call feature between hand-held clients (with support by specialized Software / Apps)	Typically Adjacent to Server or to a nearby Network Switch
WAP END-USERS	Wireless Access Point(s) (Provided by End-User)	- Provides "Wi-Fi" within the area each WAP is installed - Network pathway between Phone/Tablet devices and the PBX - Allows for call indication, response and voice functions on Phone or Tablet devices	Strategically placed throughout the building. Typically placed about 80ft apart / 30ft from end-walls.
HAND-HELD PHONE / TABLET	- Hand-held clients (iPod Touch / iPad w Apps) - PC with console software - PBX to create phone network	- Used by staff to monitor, take or complete system calls. - Receives assigned notifications (different for each user) - 2-way voice between handheld devices	Mobile devices carried by staff members (Optional devices at Admin Locations such as a Nurse Desk, etc.)
		DATA / DETAILS:	
		- (1) Gigabit Ethernet Port	
		- (2) Ethernet Ports (WAN and LAN)	
		- (4) RJ45 Phone Ports	
		- WiFi Standards: (2.4GHz Radio) 802.11 b / g / n - Advanced QOS ability - Configurable per user (Data Limiting)	
		- Apple devices = Dual-core A5 Processor, 512MB of RAM, 32-64GB Flash Memory. - Hand-held Phone or Tablet options. - Wifi Standard = 802.11n - 2.4 & 5GHz Radios	