

IPNET ROUTER



The IPnet Router acts as a router between the 10/100/1000 Mb hospital LAN and the 100 kb Nurse Call LAN, and controls up to 30 IPnet devices installed on the TACERA Nurse Call System. It facilitates net- or web-based programming while maintaining security with CE, UL and AS health care standards.

The router provides Ethernet functionality with monitored and fused power over CAT5/6 cable for all IPnet devices.

*Control and power up to 30 IPnet devices
Standard CAT5/6 cabling*

IP CONNECTIVITY FOR TRUE INTEGRATION

The IPnet Router is an IP device that is quick to install and easy to commission. When connected to our server, it is auto-assigned a unique address, although this can easily be changed for consistency on-site. Integrating the router into your facilities' network infrastructure is straightforward and it is continuously monitored for connectivity.

The router can manage up to 30 IPnet devices, with up to 8 inputs per device – inputs such as callpoints, call pendants, pendant removal and light switch – providing enormous functionality for your facility.

REDUCED COST OF INSTALLATION AND COMMISSIONING

There is no need for expensive and special software for the IPnet Router, as it is commissioned and managed using a standard web-browser. This allows on-site or remote programming and servicing of all devices using fixed or mobile network-enabled PCs or PDAs.

The plug-and-play capability of the TACERA system ensures that when connected, each device is auto-identified for type and basic configuration; this simplifies the installation process and reduces the cost of installation and commissioning. More advanced configuration is managed using a web-browser.

REDUCED ONGOING MAINTENANCE

The system continuously checks the functionality of each device and will immediately notify staff if any problem is detected. IPnet devices are hot-swappable, making maintenance a breeze – simply replace a device and then use a web-browser to quickly re-assign functionality to the new device.

The web-browser also provides access to an event log for use as a service tool for network testing.

POIPNET AND POWER MONITORING

Power for the router is provided by a battery backed power supply and the POIPnet (Power Over IPnet) circuits are both monitored and managed for voltage and current.

- The IPnet Router has simple and automated functionality, and is small in size, allowing it to be installed in an unobtrusive location.
- On-board status LEDs provide visual confirmation of a network connection, and normal operating current and voltage.
- Callpoint priorities and the level of call (bed, toilet, staff assist, emergency, etc.) can be independently programmed for each IPnet device or callpoint.
- The router can be accessed locally or remotely, providing added flexibility and maintenance options.
- Class B certification ensures the router meets the new emission requirements for hospitals and aged care facilities.