IP IN8 INPUT BRIDGE

The IP IN8 Input Bridge is typically used to interface up to 8 inputs into a TACERA Nurse Call system from external devices such as room sensors, access control sensors, fire and smoke alarms, etc., allowing TACERA to interface with many 3rd party systems.

Allows both messaging and relay output events to be actioned

More than one input can trigger a common event or output

Easy to install with CAT5/6 cable

Lower "Whole-of-Life" Costs

The IP IN8 Input Bridge is IP-based and features plug-and-play functionality. Bridges are connected in series using only standard CAT5/6 cable that also provides POIPnet (Power Over IPnet).

Each bridge has a unique MAC address that is used to identify the device on the IPnet Router. Once connected, the device is assigned an IPnet address then each input is quickly and easily assigned to a room or area and function using a web-browser. This simplifies the installation process and reduces the cost of installation and commissioning.

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

Individual Control

There are 8 independent, voltage free inputs that can be individually set as normally open (NO) or normally closed (NC) using a web-browser.

Safe and Reliable

The 3.5 KV electrical isolation between the bridge inputs and the IPnet ports maintain compliance with IEC 60601-1 Medical electrical equipment - Part 1: General requirements for basic safety and essential performance.

To ensure reliability, the bridge has been designed and manufactured for immunity against voltage spikes and static charges, the most common causes of electronic failure.

- An integral buzzer sounds when the bridge is first connected to an IPnet Router, giving the installer reassurance that the device is auto-detected and active.
- Class B certification ensures that the bridge meets the new emission requirements for hospitals and aged care facilities.