GE Healthcare

Telligence Station Gateway

HC-GTWY1 and HC-GTWY1-3K

The Telligence Station Gateway facilitates the use of non-IP addressable stations on the Telligence IP network by converting analog audio signals into digital audio data and vice versa. Each gateway supports up to 40 devices, including single and dual Patient Stations, and Staff Stations.

Suitable for rack mounting in a remote closet, the gateway occupies one space in a standard 483 mm (19 inch) wide EIA equipment rack. Device wiring is via industry standard Cat 5/5e/6 cable. An AC power source is required.

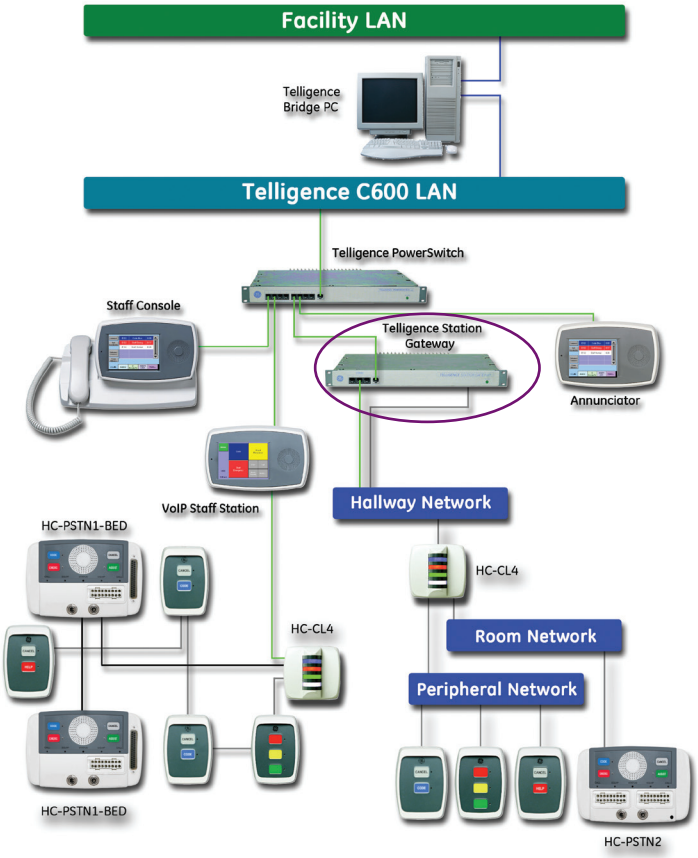
The Telligence Station Gateway is an integral part of the Telligence patient-staff communications system that serves as a gateway between the nurse call IP network and the RS-485 hallway network. It is the pivot point for all dome lights, Smart Patient and Staff Stations, and peripheral devices. Once installed, the gateway is transparent to the end-user.

The Telligence Station Gateway acquires its IP address dynamically from the Telligence Bridge.

Features

- Connects up to 40 devices (Dome lights, Smart Stations, Duty Stations) to the Telligence IP network
- Standard RJ-45 snap-in connectors speed installation and maintenance
- Industry standard Cat 5/5e/6 cabling simplifies installation
- Rack mountable in one 483 mm (19 inch) wide rack space
- Compact and easy to install in remote closets

Network configuration



Performance specifications

The Telligence Station Gateway provides communication between the IP Network and up to 40 devices. The unit communicates with the Smart Stations using Cat 5/5e/6 cabling. The Telligence Station Gateway is rack mountable (one rack unit high).

Power specifications

Power source	120 VAC
Electrical rating	Input 120 VAC 120 W Output 40 VDC 100 W
Power dissipation	120 W (427 BTUs)
Fuse	2.5 Amp AC line
Indicators	Green LED for AC power
Terminations	1 "Ethernet" RJ-45 port, 1 "AUX" RJ-45 port, 1 "IN" RJ-45 port, 1 "OUT" RJ-45 port, 1 "TO DOME LIGHTS" terminal strip (40 VDC 100 W)

Physical specifications

Dimensions (HxWxD)	4.4 x 48.3 x 30.5 cm (1.75 x 19 x 12 inch)
Mounting	48.3 cm (19 inch) wide rack mountable, wall mounting in standard third-party sectional cabinet

Certifications

UL 1069, CSA (22.2 No. 205-M1983), FCC (Part 15, Class A)

Ordering information

Telligence Station Gateway		
Model #	Description	Shipping weight
HC-GTWY1	Telligence Station Gateway	4.88 kg (10 lbs, 12 oz)
HC-GTWY1-3K	Telligence Station Gateway supports Telligence C300 devices	4.88 kg (10 lbs, 12 oz)

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