

# Telligence PowerSwitch

## HC-IPSWITCH8

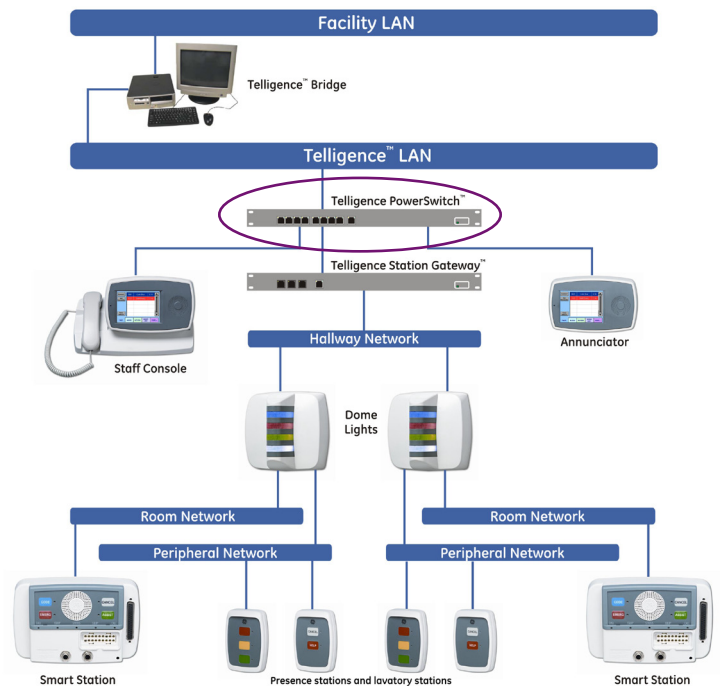
The Telligence PowerSwitch™ is an Ethernet communication interface and power supply for all IP devices residing on the Telligence™ patient-staff communications network. It interconnects with system components by means of standard network wiring, cabling, and connectors.

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

Devices interconnected through the Telligence PowerSwitch include the Telligence Bridge™, ColorTouch™ VoIP Staff Consoles, ColorTouch VoIP Annunciators, the Telephone Gateway, and the Telligence Station Gateway™. All, except the Telephone Gateway, derive their power from the Telligence PowerSwitch's Powered Ethernet feature. The Telligence PowerSwitch does not require an IP address.

### Features

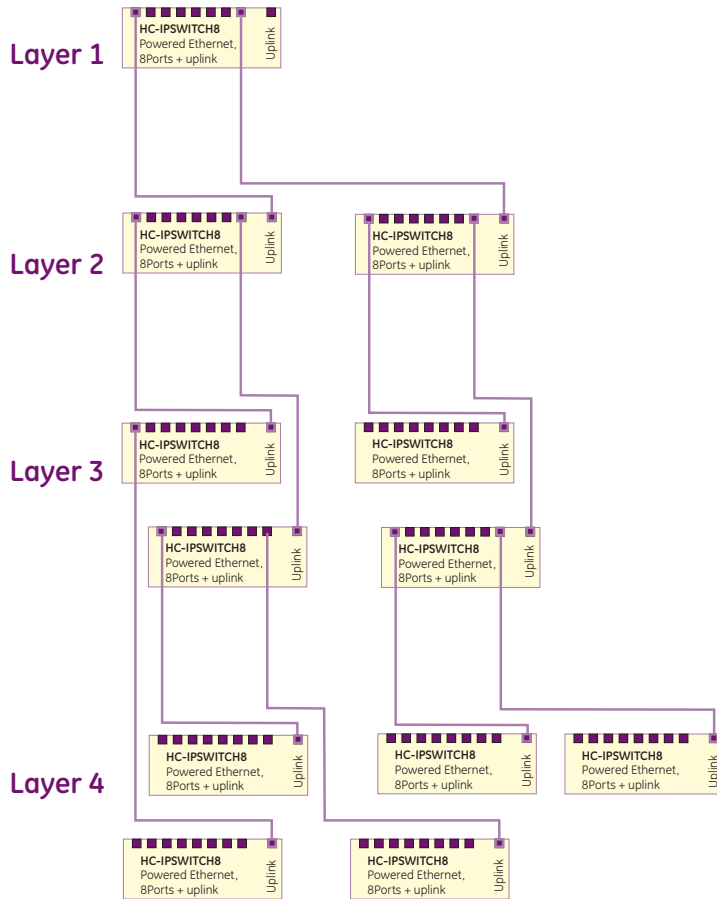
- Eight 100 Mbps Ethernet switch ports available
- Uplink Ethernet port for expansion to other network equipment
- Powered Ethernet capable, 12 watts per port
- Rack mountable in one 483 mm (19 in) wide rack space
- Industry standard Cat 5/5e/6 cabling simplifies installation
- Two status LEDs per port
- No user configuration needed



## Technical specifications

### Layering Telligence PowerSwitches

The following diagram illustrates typical configuration used for extending the device capacity of the network.



## Performance specifications

The Telligence PowerSwitch is an 8-port switch capable of processing 100 Mbps Ethernet traffic. It also provides 15 watts of power per port over the same Cat 5/5e/6 network cabling via RJ-45 connectors.

The Telligence PowerSwitch is wall or rack mountable in a metal enclosure and requires not more than 1U high rack space.

## Power specifications

Power source	120 VAC, 60 Hz
Power dissipation	125 W (427 BTUs)
Output load	40 VDC, 12 W per port
Fuse	2.5 Amp AC
Compatibility	Telligence patient-staff communications networks
Indicators	Two LEDs per port: Power (green) and Data (amber). Also AC line indicator LED (green).
Terminations	Front: Eight RJ-45 switch ports, one RJ-45 uplink port, nine ports total Rear: IEC 320 Receptacle, battery backup

## Physical specifications

Dimensions (HxWxD)	4.4 x 48.3 x 30.5 cm (1.75 x 19 x 12 in)
Mounting	19 in wide rack mountable, wall mounting in standard 3rd party sectional cabinet

## Certifications

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

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