

Quantec-Pro Core Controller

Part No. **QP901**



Overview

- Supplies power to and controls C-TEC's next generation Quantec-Pro Call System.
- Monitors all network devices and manages the routing and distribution of all calls.
- Can accommodate up to 255 editable 24 character place names.
- Provides connections for network wiring, standby batteries, a laptop (for system programming via our QP907 tools) and optional paging/DECT equipment.
- Optional QTS2/5 Quantec Surveyor2 IoT Card available to facilitate access to CTEC's powerful [Surveyor2](#) data management software.
- Accommodates up to 16 Zone and 16 Group equations (compared to 8 on a standard Quantec system).
- Can be semi-flush mounted using an QT385 bezel or fully-flushed using a BF359/3S stainless steel enclosure.
- System wiring requires one or more QT603 network splitters.
- Wiring should be made in a spine and limb arrangement using 1.5 to 2.5mm² T&E (spines) and 4 to 8 core stranded security cable (limbs).
- Please note the QP901 does **NOT** function as a standard Corridor Display when not being used for programming. If it is located in an area where you want to be made aware of incoming calls such as a nursing station, a separate Quantec-Pro Corridor Display will be required.



Technical Specifications

Mains supply 230V 50/60Hz.

Mains rated current	0.68 A.
Internal power supply	27Vdc nominal.
Total output current limited to	2.5A @ 230Vac (2.5A battery only with mains off).
Quiescent current	100mA @ 24V
Max battery size and type	2 x 12V 7Ah VRLA connected in series.
Open collector outputs	5 Call outputs (1 = standard, 2 = help required, 3 = emergency, 4 attack, 5 cardiac), Fault output.
Other outputs	24V Aux. Power (19.5V min, 28V max). Protected by a resettable fuse. Max. current 100mA.
PC connection	CONN1 provides an RS232 connection for use with our Quantec Surveyor data management software (via a PC) or a Quantec Printer.
Indicators	2 line x 40 character backlit display; Power LED (lit when power is present, off when no power present).
Controls	Accept (A); Scroll Up; Scroll Down; Code Entry Buttons (1, 2, 3 and 4); Escape (E).
Connections	Plug-on type, largest acceptable conductor size 1mm ² .
Expansion connections	CONN2 provides an RS232 connection for paging equipment.
Product dimensions (mm)	410 W x 250 H x 80 D mm (base); 439 W x 274 H x 7 D mm (lid).
Construction & finish	Metal base, plastic lid.
IP Rating	IP30.
Weight	3.5Kg.
Operating conditions/temperature	-5°C to +40°C. Max relative humidity: 95%.