



Technical Notes

PSU.

An ENS approved PSU is required incorporating 12v DC with integral 6Ah battery backup. It is supplied in an industry standard IP rated white powder coated metal enclosure requiring a Fused, switched spur or equivalent. It contains no user serviceable parts but must be accessible, usually located in the central comms or mains distribution area.

- **Fused Switched Spur or equivalent**
- **Space for Large PSU approx 440mm x 240mm (>5Kg)**

PullCord

A low voltage pullcord is available which should be sited in Bedroom Ensuites and communal Bath/Wc's and is wired to the associated Nursecall point. Exact positions to be specified by the client or their representative. As the downward force exerted by the user on this switch can be substantial it is highly recommended that a suitable nogging, joist or similar substrate be deployed as a good and solid fixing.

- **Appropriate Nogging or Fixing**

Fire Door Monitoring

CallGuard IP uses a centralised door monitoring panel which allows doors to be armed and disarmed from one central location which gives a highly visual overview of the door status. Each magnetic contact on the monitored external doors are cabled back to the central door monitoring panel using 4 core alarm cable. The Door monitoring panel is flush fitted with backbox dimensions of 300mm x 220mm, depth 100mm.

- **Chasing for back box**
- **Fixing nogging**
- **Magnetic Door Contacts**

Local Controllers

To simplify the wiring of CallGuard IP, each area of the site has a local controller which links a group of "call points" (8). The controllers are connected to the call points by CAT5 (or better) cable. Each controller is linked with Belden Cable in a chain to the central processor with a PSU supplying 12vDC which requires a Fused, switched spur or equivalent.

- **Fused Switched spur or equivalent**
- **Space for Surface Mounting Controller Box 200mm x 160mm (each Hub)**

For additional technical information please refer to the appropriate technical manual