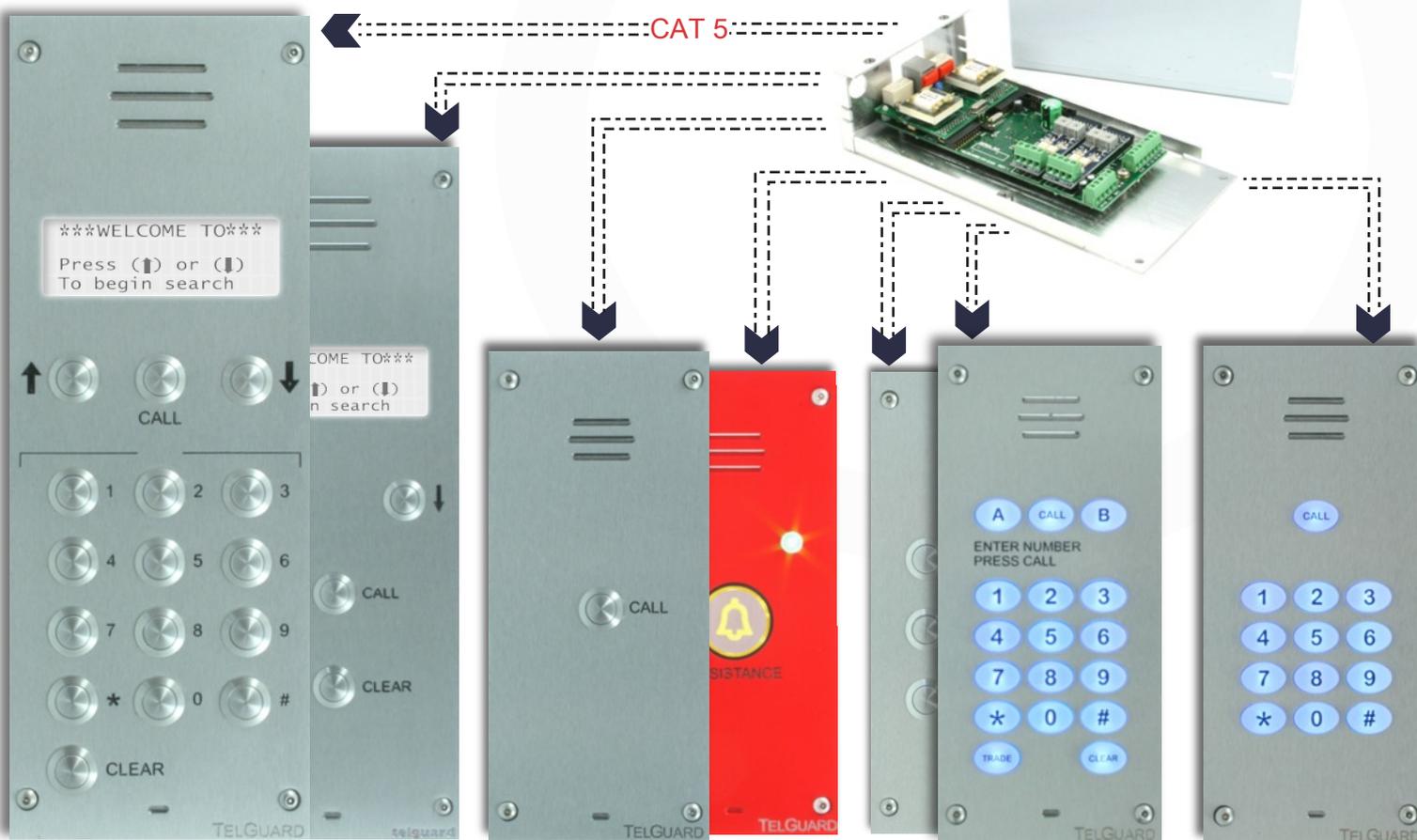


## HUBS & SATELLITES

Land Line



GSM



In a situation where there is more than one entrance position we are able to offer the Telguard Hub and Satellites. The land line bridge board requires an analogue telephone connection – either PSTN (Public Switched Telephone Network) or an analogue extension from a PABX (Private Automated Branch eXchange) and a link to the equipment to be operated i.e. a gate, door lock, barrier etc.

The GSM bridge board option comes integrated with a network scanning feature which enables you to scan for best network coverage within your installation area (ie: O2, Vodafone etc). The GSM requires a Pay-As-You-Go or Contract SIM plus an aerial which is supplied with the system. This system has been designed for entrance and exit gates or barriers where there may be dual height systems or multiple entrances. Please note that only one Satellite is active at any one time.

The Hub is a PCB that operates as a central control unit and is housed within an aluminium box. The Satellites are CAN (Controller Area Network) controlled from the Hub and may be a mixture of any analogue panels in the Telguard range. The Satellites may be a mix of systems from the Telguard analogue range.

Up to 7 satellite panels are able to operate from one Hub and one telephone line or GSM SIM card. The 12V 1A PSU, supplied with the system, is wired to the Hub with the telephone line.

The Satellites are connected to the Hub by 1 x CAT 5 cable. They are connected in a spur configuration or in series (see diagram) or a combination of both. The satellites are numbered and must be installed in number order. The maximum distance from the Hub to the furthest Satellite must be no more than 300 metres.

The system is installer programmed remotely from a standard telephone or mobile, modem link, locally via the keypad (where fitted) or a USB connection. The Satellite panels operate in the same way as the standard panels and offer the same facilities.

## Specification

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**Please note that Satellites will have the same function and operation as a standard panel of the same model. (Satellite has a single relay slot).**

**Warranty:** 2 years return to manufacturer full parts and labour.

**Power:** 12 Volt 1 Amp. DC PSU (as supplied and must be dedicated to the Telguard).

**Power Consumption:** 400 mA @ 12 Volts.

**Trade:** Optional trade button linked to internal time clock with 2 x 7 day time slots and automatic BST/GMT update.

**Phone Line (for land line option):** Analogue BT type line or PABX analogue extension.

**GSM SIM:** Pay-As -You-Go or Contract

**Network Providers:** Any network - some networks do not allow data transfer via modem, the Electronic Voice Assist™ can be used in this instance. Orange do not allow data calls on Pay-As-You-Go, programme updates can be actioned using the Electronic Voice Assist™

**Telephone Type:** Standard tone generating telephone, cordless or mobile phone.

**Tone Type:** DTMF (Dual Tone Multi Frequency).

**Programming:** Installer programmed by dial in using a telephone or mobile via the Electronic Voice Assist™, via keypad (where fitted), remotely via modem or USB connection.

**Face Plate Sizes :** *(For measurements please refer to website)*

**Relays** (Master hub has two slots available plus one on the satellite which may consist of the following )

Dual Opto Relay: (supplied as standard) , Mechanical Latching Relay , Power Relay , Lock Relay, Dual Input: *(For more info please visit web site)*

**Relay Activation Time:** 1 – 60 seconds, adjustable locally and remotely.

**Volume:** 1-9 adjustable locally and remotely.

**Operating Commands:** Default #, 2#, 3#, 4#, 5#, 6#, 7#, 8#, 9#. All relay commands are configurable.

**Exit Release Input:** Via auxiliary input. Unable to be used with Day/Night feature.

**Day/Night Feature:** Able to call a different number at night to the number called during the day. Switched locally or remotely. Unable to be used with Exit Release Input facility.

**Multi Number Calling:** Up to 8 different follow on numbers are assignable to each call point.

**Call Point Profile:** This utilizes the on board time clock enabling custom profile functions to be activated.

**Concierge:** All call destinations are routed to one main number.

**Authorised call access:** Numbers stored in this part of the memory can activate a pre-determined relay simply by calling the number of the system and hanging up the call once ring tone is heard. If the number calling is on the authorised list the relay will activate. (Please note that the Land Line system requires CLI from the line provider for this function to operate).

**SMS via Input:** An SMS message may be sent (GSM only) on receipt of an output from equipment associated with the TelGuard. This could be to indicate low parking ticket paper on a parking system, or a passive detector to report movement, loop detector or an alarm.