

telguard®



121

The TelGuard 121 has been designed to operate without the need for a dedicated telephone line. The panel is able to offer from 1 to 4 call points and used with a DECT telephone it does not require cabling from the entry panel to the call destination. Alternatively it is able to share a telephone exchange line or analogue extension of an internal phone system. The panel is only 70mm wide and 40mm deep so as to surface mount onto a standard door architrave, or flush mount with the minimum of preparation. The panel offers provision for a monochrome or colour camera.

Mode 1: Only phones plugged into the interface box will ring from entry panel. The call panel connects via multicore to the control interface. This interface may be up to 100m away from the call panel and the operating telephone or DECT base station plugs directly into the control interface. In this mode the telephone is to be used only for controlling entrance requests.

Mode 2: If the system is to share a dedicated phone line or analogue extension of a PABX, the control interface plugs into the existing telephone socket and then the operating telephone plugs into the

interface control box. In this mode the operating DECT or telephone is used as normal to make and receive telephone calls but also to communicate with an entrance and control access through a door/gate/barrier. Only the phones plugged into the interface will ring.

Basic System Operation

A visitor selects the destination they require and presses the button. An LED will illuminate to show that the call is initiated and the telephone will ring in a different cadence at the destination. The receiver of the call will lift the telephone receiver, which will illuminate the 'SPEAK NOW' LED and two way conversation may take place. After confirming the identity of the visitor the receiver of the call presses the command digit on their telephone and the tone activates the 'DOOR OPEN' LED and the relay to operate the door/gate/barrier. A confirmation tone is audible on the operating telephone. To call the entrance, the user presses ** on their telephone. Connection is made and normal functions may be carried out. This could be used to hold open a gate or barrier. To disconnect from the entrance simply hang up the

telephone. If used in **mode 2** and a visitor calls while on a normal phone call a tone is heard to indicate this. The phone call maybe put on hold by pressing # while the visitor is dealt with and then connects back to the phone call by pressing *. It is important to make sure that the DECT phone has sufficient range for operation. Some DECT phones are available with booster stations to increase the range, please call for assistance.

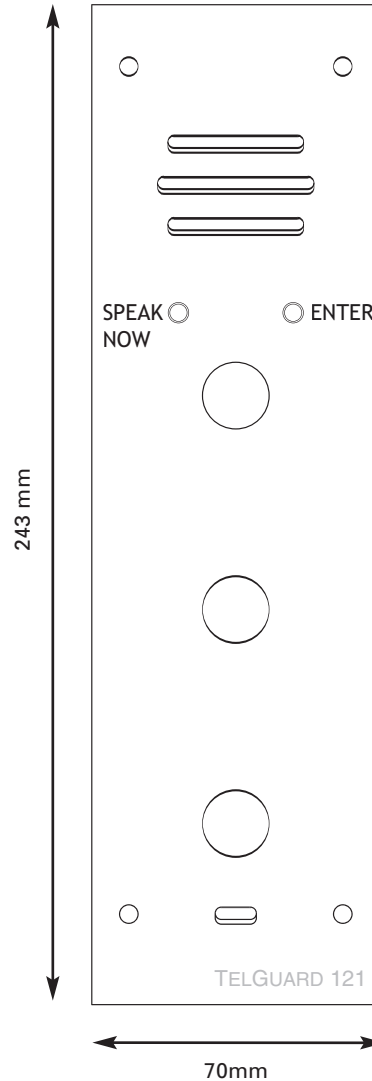
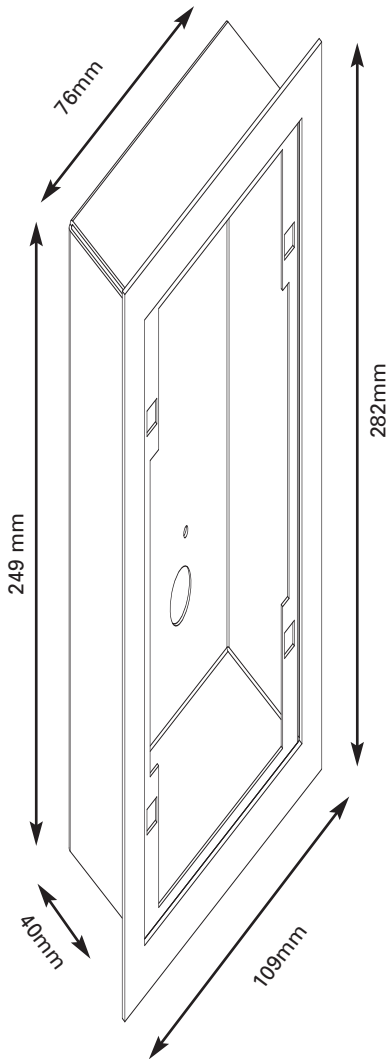
Standard Features

- Vandal resistant
- Stainless steel buttons
- 316 marine grade stainless steel
- Three relays
- Multi relay activation
- Dial in control facility
- Hold open facility
- Activation LED indicator
- 'Speak now' LED indicator
- 'Door open' LED indicator
- Individual ring cadence
- Call waiting facility

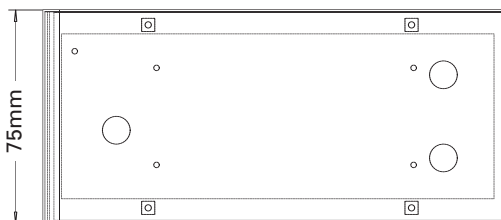
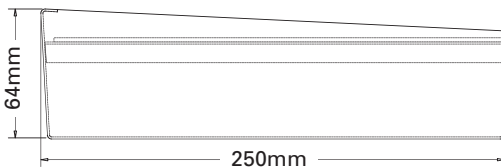
Optional Features

- Camera
- Proximity
- Powder coated in wide range of colours
- Backlit buttons
- Coded entry keypad

TelGuard 121



Flush back box



Surface back box

Specification

- Power supply: 12v 1A DC (supplied with system)
- Power consumption: 40mA @12v idle
130mA@12v load
- **Mode 2 only:** Telephone connection: standard 'BT' type telephone socket or analogue extension from a PABX
- Telephone type: standard tone generating telephone or DECT. All telephones must have a '#' key and be able to tone dial from all keys on an incoming call.
- Programming: no programming required
- Operating relays: three – 2 x pulsing, 1 x latching
- Operating commands:
 - Relay 1 = 100, Relay 2 = 200,
 - Relay 3 = 300 latch open, 400 latch closed
- Relay contact ratings:
 - Siemens relays 5 amp @12/24v
 - Clean contacts
- Relay activation time: 6 seconds
- Adjustable parameters – speaker and microphone volumes