

# Miniguard 100BD

## Multi-Number Handset Telephone Entry System

### Description

The Trigon Miniguard 100BD is a handset type, multi-number, Telephone Entry System for resident/visitor control. Visitors contact the desired tenant by entering a simple directory code gained from the built-in electronic directory. The resident then grants or denies access.

The Miniguard 100BD has a capacity of up to 400 telephone numbers and up to 400 personal entry codes. It is constructed for rugged outdoor use, yet remains pleasant in appearance. Its long-lasting brush-finish stainless steel housing complements its thin design lines. A matching flush-mount trim-ring or lighted hood may be selected to add the right finishing touches to an installation.

The Miniguard 100BD is equipped with valuable features and options that provide a wide range of guest and resident control options—doors, gates, security lighting, and more.

### Features

- Available in 24, 50, 125, 200, 300, or 400 resident capacities.
- Capacity includes a telephone number, directory code, name, and direct entry code for each resident.
- Built-in two line electronic directory of resident names and codes.
- Operates on 12AC or DC.
- Resident telephone numbers may be up to 12 digits.
- Rotary or touch-tone compatible.
- Programmable Site ID.
- Slim design for easy mounting.
- Noncorroding #316 Stainless Steel weather resistant enclosure with 'tamper resistant' security screws.
- Public telephone style handset with armored cable.
- Two output relays allow control of more than one entrance.
- Alarm shunt relay aids alarm management.
- *Optional* Modem.
- *Optional* support of Weigand 26 protocol card readers.
- Create automatic unlock schedules via built-in 7-Day clock.
- Printer support allows recording events as they occur.

### Applications

- Provides resident controlled guest access for apartments.
- Allows secured entry for office buildings.
- Assures privacy for condominium owners.
- Built-in relays allow positive entrance control in gated communities.



### Operation

The Miniguard 100BD uses an ordinary telephone line to provide positive access control for up to 400 residences. Visitors use the keypad to locate the directory code for the resident they wish to visit. They then lift the handset and enter that code. The Miniguard 100BD then silently speed dials the resident's full telephone number. The resident is alerted to the visit in the same manner as receiving any other telephone call.

After the resident answers the entrance call, visitor access may be granted or denied. The resident presses '0' on his keypad to activate the units relay and grant entry. Otherwise, pressing '7' will immediately disconnect and deny visitor entry.

The Miniguard 100BD is equipped with a second relay that may also be activated from the resident's telephone keypad. Relays may be latched to hold an entrance open for special circumstances.

Residents may immediately gain entry by using their direct entry code. They press the '#' key followed by their personal code.

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## Specifications

**Design**- Handset type telephone with internal auto dial capability and remote control of relays.

**Capacity** - 24, 50, 125, 200, 300, or 400 residents. Capacity includes 1 to 4 digit directory code, 4 digit direct entry code, 16 character name, and up to 12 digit telephone number for each resident.

**Directory**- Built-in, two line, back lighted, LCD display.

**Site ID** - Programmable 4 digit code.

**System Security**- Program access code and tamper code.

**Dial Mode** - Allows active keypad after dial out.

**Call Length** - Unrestricted, or limited from 1 to 4 minutes.

**Programming** - Directly on keypad.

**Power** - 120VAC/12VAC, 40VA, Class 2, transformer included.

**Output Ratings** -

Power Relays: 5 AMPS @ 12VDC or 1 AMP @ 110VAC

Alarm Shunt Relay: 250ma @ 12VAC

**Output Duration** - Programmable; momentary to 45 seconds, or latched.

**Inputs** - Keypad direct entry, or postal lock box/push-to-exit button.

**Telephone Line** - Standard touch-tone or rotary. Dedicated or extension line.

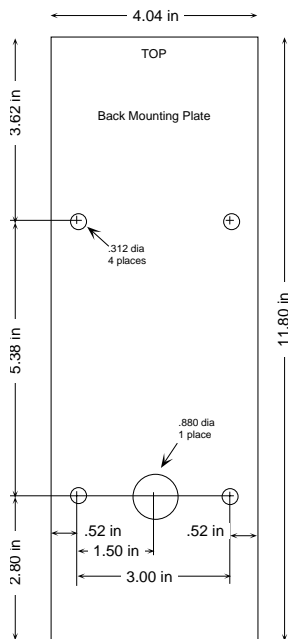
**Mounting** - Surface, with flush or pedestal mount options.

**Construction** -

- Noncorroding #316 Stainless Steel weather resistant enclosure and backplate with 'tamper resistant' security screws.
- Sealed public telephone type handset with 29 inch, 300 pound test, armored cable.

**Operating Temperature** - +32° F to +120° F

## Mounting



## Accessories / Options

**Modem** - Available on all models.

**Line Filter** - Suppresses RFI/EMI from input power line.

**Flush Mount Back Box with Bezel** - Used to flush mount unit into a wall or other surface. Bezel enhances flush mount appearance.

**Lighted Hood** - An aid for outdoor applications, pole, or pedestal mounting.

**Postal Lock Box** - Allows keyed access to postman.

**Card Reader Interface Module** - Supports Weigand 26 protocol reader such as:

HID PROXPRO Proximity Reader, # 5355AGN00.

Securakey Model SK-029W Reader, Format 69.

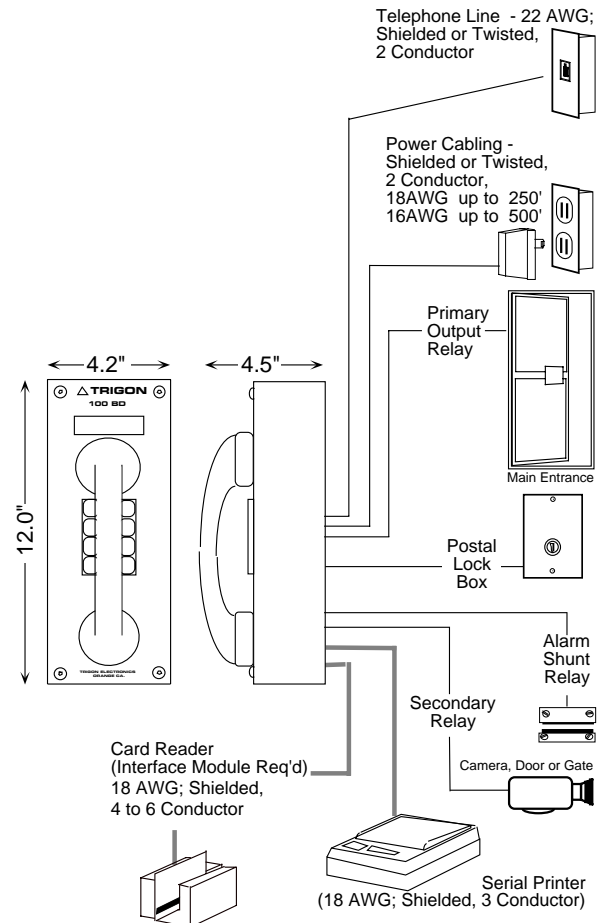
**Fiber Optic Compatible**

International Fiber Systems model #s;

TT 2010, TR 2010, TT 2010WDM, TR 2010WDM,

TT 2030, TR 2030, TT 2030WDM, TR 2030WDM

## Dimensions/Hookup



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