DallasDelta
Corporation Pty. Ltd.

Australian Made | User Friendly | Low Cost Ownership | Vandal Resistant | Weather Resistant

SENTINEL DOORSTATION

MK 3 Version

MK 4 Version

The SENTINEL MK3 (Keypad only)

- A Name & Phone Number capacity of 500 (16 digits max)
- No Directory Service (MK4 Only)
- Two on board relays with unique codes (Up to 3 optional)
- No V90 / 56k Modem (MK4 Only)
- Half Duplex hands free operation
- Keyless door entry
- Dual line LCD with back light
- Non volatile memory
- Backup battery circuitry built in
- Programmable company logo / building name
- Auto hang up and auto answer facilities
- Flexible 1 to 6 digit room numbers
- RTC recording and storing of gate events
- Half duplex hands free operation
- Loud speaker output of 1 watt peak, one phone line required
- Power pack supplied
- Remote operating features (speaker and mic level control)
- Dual remote relay activation (door/gate release)
- Local programming facilities (optional no bill interface)
- RFID card reader for gate release (optional)

The SENTINEL MK4 (Keypad & Directory)

- A Name & Phone Number capacity of 1000 (16 digits max)
- Directory Service
- Three on board relays with unique codes (standard)
- V90 / 56k Modem
- Half Duplex hands free operation
- Keyless door entry
- Dual line LCD with back light
- Non volatile memory
- Backup battery circuitry built in
- Programmable company logo / building name
- Auto hang up and auto answer facilities
- Flexible 1 to 6 digit room numbers
- RTC recording and storing of gate events
- Half duplex hands free operation
- Loud speaker output of 1 watt peak, one phone line required
- Power pack supplied
- Remote operating features (speaker and mic level control)
- Dual remote relay activation (door/gate release)
- Local programming facilities (optional no bill interface)
- RFID card reader for gate release (optional)

The **Sentinel** Range gives occupants of apartments and office buildings a safe means to communicate with visitors, and a secure way of allowing entry.

The Sentinel Series is designed for unguarded apartments and office buildings. It offers code access door release, with auto answer and termination of calls. Users can communicate with visitors and allow keyless entry.

"Designed for a multi- story high rise, with hardware upgrade options"

The system operates over PSTN or a PABX, the only expense is a telephone line connection and line rental **OR** optional **No Bill Interface** hardware upgrade, which means the unit no longer require a dedicated PSTN line, so there are **no call costs**.

For the added security of visitor lift access to the allocated floor/level only, the Sentinel can control the floor/level access using the **Lift Interface** hardware upgrade.

The Sentinel range is flexibly designed to suit the requirements of a multi story high-rise buildings. Please contact us for more information.

Stainless Steel Enclosure | Acrylic Enclosure (Weather shield) | Stainless Steel Enclosure (Inside an Acrylic Enclosure) | Stainless Steel Hood Enclosure | Flush Mount Wall Box | Stainless Steel Enclosure | Acrylic Enclosure (Weather shield) | Stainless Steel Inside an Acrylic Enclosure | Stainless Steel Hood Enclosure | Flush Mount Wall Box

ENCLOSURE OPTIONS

Stainless Steel to a Weather Protection Acrylic Enclosure. The right enclosure for every type location is made simple from our range, which include:

- Stainless Steel Surface Mount Enclosure
- Stainless Steel Surface Mount with Acrylic Enclosure
- Stainless Steel Weather Hood
- Flush Mount Wall Box (internal zinc plated mild steel)

Externally Powered Mk3 / Mk4

Designed for general purpose situations, a PSTN doorstation featuring an interactive voice prompt for quick and easy programming (power pack supplied).

VoIP

An Ethernet connected doorstation that provides Voice over Internet communication technology. Giving you the power of our PSTN base units in a IP format.

OVER 35 YEARS EXPERIENCE...

Established in 1980, we have a proven track record as manufacturer of affordable, durable and standards compliant telecommunications products.

E3585

ISO 9001:2008 REGISTERED FIRM

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SENTINEL Series

Sentinel Mk3 & Mk4

(This unit must be installed by qualified personnel)

Sentinel MK3 and Mk4 Doorstations are a **analogue** telephone unit, that controls the main gate from an apartment/office using the telecommunication network.

The Mk3 and MK4 can be programmed via USB using the Sent-pro software interface (included) The Mk4 has remote & Wi-Fi programming options.

- *Externally powered PSTN*
- *Distinctive ring tone*
- *90 seconds ringer time out*
- *Call waiting tone*
- *On board name search directory (Mk4 only)*
- *Back lit LCD.*
- *Vandal resistant 4x3 metal keypad*
- *Loud speaking and hands-free functions.*
- *Door Release & gate control*

Sentinel VoIP

The VoIP model is standard IP-based communications network and uses the SIP protocol for a fast and reliable connection to modern PBX systems. Sentinel VoIP can be PoE or externally powered. It provides the same remote door/gate release features as the Sentinel Mk3 & Mk4. Programming is via a web browser interface on a connected network.

No Bill Interface (optional)

The No Bill Interface Option removes the need for a dedicated PSTN line, removing costs for calls made from the Sentinel to user handset, further reducing your cost of ownership.

The No Bill Interface connects between the PSTN and the building telephone wiring. The No Bill Interface will accommodate up to 9 Sentinel units.

Lift Interface (optional)

The Lift Interface option allows visitor lift access to the correct floor/level only. The Sentinel unit communicates with the lift hardware to control the floor level access granted to the entrant.

Access time is programmable and expandable to 100 floors (optional).

FEATURE	MK3 Model	MK4 Model	VoIP Model
Power Requirements	6 Volts (min) - 24 Volts (max)	6 Volts (min) - 24 Volts (max	PoE / PSU 9-50Vdc 300mA
Standby Current	41mA(minimum)	41mA(minimum)	60mA @ 13Vdc
In use Current	110mA @ 12Vdc (max)	110mA @ 12Vdc (max)	300mA @ 13Vdc
Relay Rating(Non Inductive Voltage Free)	1A@30Vdc / 1A SELVorTNV	1A@30Vdc / 1A SELVorTNV	1A@60Vdc/40Vac SELVorTNV
Dimensions Vertical Units	H 270mm W 130mm D 40mm	H 270mm W 130mm D 40mm	H 270mm W 130mm D 40mm
Dimensions Horizontal Units	H 130mm W 270mm D 40mm	H 130mm W 270mm D 40mm	H 130mm W 270mm D 40mm
Wall Cut-out (mm)	225 x 115 x 40	225 x 115 x 40	225 x 115 x 40
Modem Interface	Yes	No	No
Speaker Level	1Watt	1Watt	1Watt
Operating Temperature Range	0ºC to +70ºC	0ºC to +70ºC	0ºC to +50ºC
Call Buttons	keypad	keypad + name search	keypad + name search
PoE Class Requirements	N/A	N/A	PoE class 1 IEEE802.3af

The standard panel size for all Sentinel units is 130mm x 270mm, custom panel sizes and layouts can be tailor made to your needs. Panels are available in either vertical or horizontal, and can be anodised aluminium or stainless steel. If you require the panel to be made of different material (ie. Brass, gold-plated, etc), this too is available upon request.