DallasDelta
Corporation Pty. Ltd.

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E3589

ISO 9001:2008
REGISTERED FIRM

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40 YEARS *EXPERIENCE…*

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

Dallas Delta Corporation

is an established and respected provider of specialist communications equipment.

We design and manufacture our products in Melbourne and have many thousands of satisfied customers within Australia and internationally.

Our aim is to supply customers with a quality product and great service for the life of their product. We believe in a good customer relationship which gives our clients the support they need in order to establish and build their business.

KEY BENEFITS

Competence – We have a proven track record of exceeding customer expectations and manufacturing products that last in the field under extreme conditions.

Capability – We design and manufacture all our products in-house.

Standards Compliant – We ensure our products conform to the required standard of each project.

Low Total Cost of Ownership – Our products are reliable and have a high MTBF rating. With our vandal resistant panel designs and our weather resistant enclosures to protect the mechanical components, Our products have been proven reliable and time tested since our establishment in 1980.

Assurance of Supply – We manufacturer our own products and have the necessary infrastructure to design and produce our PCB's using our pick and place machines.

Competitive Prices – Our purchase prices compare very favourably and when combined with the long-term reliability and serviceability of our units the total cost of ownership is substantially lower than our competitors.

Responsive – We work closely with our clients to deliver our products and services in a timely manner.

Over 35 Years Experience – We have a proven track record as manufacturer of affordable, durable and standards compliant telecommunications products.

Bespoke Product Design & Development – Our team of design engineers thrive on the challenge of developing custom solutions for our clients.

In-house Manufacturing – We manufacture all our own designs in-house. A Full SMD PCB assembly line. This ensures a high level of quality and responsiveness to client needs and if required all our products can be repaired in-house. We service units that are well over 10 years old.

Fast Turn Around – Since all our design and manufacturing is carried out in-house, we can offer a fast turn around on our products and services.

Quality – ISO 9001:2008 certified company.

CUSTOM

We have forty years experience in development of innovative custom communications equipment.

We meet the customers requirements and custom build the units to any size, material & button configuration.

COMMUNICATION

Our communications products cover a broad range of applications from entry control to emergency communication networks.

Using technologies that include: VoIP, GSM, Fibre and Analogue.

SOLUTIONS

If there is a product you require and it does not exist, we will design and manufacture it for you.

We will work with our clients to ensure that the correct product is made to the requirements & standard.

MANUFACTURING COMMUNICATIONS PRODUCTS

Remote Gate Access
Apartment Intercom
Rugged environments
Roadside Emergency

Emergency Services
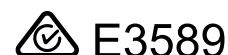Industrial
Clean Room
Police Stations

High Voltage Line Isolators
Prisons
High Security
Control Centres

CERTIFICATIONS AND COMPLIANCE

AS/NZS 60950.1:2011
AS/CA S042.1:2011
AS/ACIF S042.3:2005
AS/CA S042.4:2011
RSS-132 Issue 2, RSS-133 Issue 5

GCF-CC (v3.40.2), NAPRD03 (v5.6)
FCC OET 65
FCC CFR Title 47 Part 2, TIA/EIA 603-C
FCC Part 22 Subpart H,
FCC Part 24 Subpart E

FCC Part 22.917(b),
FCC Part 24.238(b)
FCC Part 15 Subpart B: 2008 Class B
ANSI C63.4:2009
SGS Report No: EG/2013/80025

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GSM Series

Integrated with the Dallas Delta product range

SENTRY   CST   GUARD

"All the benefits of a mobile phone, now integrated with the Dallas Delta product range"

When you don't have the option to run cabling to the location, the GSM Series is the ideal solution. It can be installed anywhere there is a power connection/sunlight and utilises GSM towers in the area.

The GSM Series enables a call to be made from a doorstation or polephone to any pre-programmed telephone number. It also has the capability to redirect the call to alternate number(s) in the case of no answer.

The GSM Series can also double up as access control, allowing authorised mobile phones to open gates.

POWER OPTIONS

SOLAR POWERED with BATTERY BACKUP
A complete stand alone unit that features a 2 watt or 5 watt solar panel mounted on to the top of a pole or bollard. Perfect for roadside or remote locations.

DC POWERED with BATTERY BACKUP.
Designed for general purpose situations, 12V DC power can be cabled to the unit if it is available, or unit can be powered directly from a DC source.

Australian
Made

User
Friendly

$

Low Cost
Ownership

Vandal
Resistant

Weather
Resistant

WEATHERTOUGH RANGE

PRESS BUTTON
FOR ATTENTION

POLEPHONES

FEATURES

Speed dialer option

Vandal resistant buttons or keypad

Robust and weather resistant

4G LTE Telstra Certified Module

Large phonebook (Can hold up to 50K numbers)

Alternate phone numbers per phonebook entry

Global alternate numbers

Remotely programmable

Over the air firmware updates

Handset or Hands-free operation

SMS reporting, programming and diagnostics

Internal battery, providing 8 hours talk time, 200 hours standby

Internal solar charge regulator with MPPT (Maximum Power Point Tracking) technology

Optional Hearing Aid Loop

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GSM Series

The GSM Series is a wireless mobile phone intercom system using the GSM network. It's powered by a 12V DC Power supply or Battery and charged from a Solar panel.

The built-in battery and charge circuit acts as a dual-purpose uninterruptible power supply, or with a suitably sized solar panel to provide non-stop availability.

To remote monitor the battery status, an SMS report can be setup to report battery state-of-charge as well as send warnings when a battery goes below a set charge point.

The GSM series Doorstation variants include: **Sentry, Guard, WeatherTough & Polephones**.

All Doorstation variants come with auto-dial buttons for dialling from a phonebook, or with full numeric keypads for speed or manual dialling.

The GSM Series is well suited for highways, freeways, tollways as well as many business and commercial settings where no cabling is available, but has GSM coverage.

All versions can be supplied in either handset or hands-free models.

All phones provide remote control to 2 relays (installed by default), which can be expanded with I/O expander options. This allows access control, remotely or locally if a keypad is fitted.

Options / Upgrades

Engraving & Laser Etching is a permanent way to label a call destination next to each button, or include the company logo.

A Camera Version doorstations are available with a single button or keypad configuration. The in built camera & light activate once button or keypad is pressed.

External Battery Pack can provide an additional 7.6Ah, tripling talk time and standby times. Useful in regions with very little sunny days or intermittent power.

Hearing Aid Loop (HAL) The function of the Hearing Aid Loop (HAL) amplifier is to provide a hands-free operation to hearing impaired users with a hearing aid via a magnetic field radiated by a copper coil. HAL suitable for users with a T-Coil enabled Hearing Aid device.

Additional Features

Monitored faults / sensors:

• *Audio self-test*

• *Stuck buttons*

• *Battery state of charge and health*

• *Supply voltage*

• *PCB temperature*

Monitoring method:

• *Remote interrogation by SMS*

• *Automated interval reporting*

Australian
Made

User
Friendly

Low Cost
Ownership

Vandal
Resistant

Weather
Resistant

FEATURE	4G/GSM
Power Requirements	Suitable for supply directly from a 12V solar panel. 2 – 15W (5W recommended).
Standby Current	6 mA
Off Hook Current	300 mA
GSM System	4G LTE, Cat 1, 4 VoLTE with digital audio
3G Bands	850MHz (B5), 900MHz (B8), 2100MHz (B1)
4G Bands	700MHz (B28), 850MHz (B5), 900MHz (B8), 1800MHz (B3), 2100MHz (B1)
Relay Rating	0.5A@60Vdc/40Vac SELVorTNV
SPL Ringer Output Level	>78dBa @ 1 metre
Operating Temperature Range	-10 to +60
Maximum Call Buttons	16
Current Consumption @ 12V Supply	Idle with battery fully charged – 3mA Idle, charging battery at maximum charge current – 1.25A In call, max transmit power, battery fully charged – 90mA Recommend >=500mA 12V power supply
Batteries	Dallas Delta LiFePO4 3.2V 3.8Ah or Dallas Delta LiFePO4 3.2V 1.8Ah
Talk time (power supply disconnected)	12 hours talk time, 200 hours standby (3.8Ah battery)
Standby (power supply disconnected)	6 hours talk time, 120 hours standby (1.8Ah battery)

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SENTRY Series

The **SENTRY Doorstation** is an **interactive loud-speaking telephone unit**, that at the push of a button authorises a remote door / gate release. With flexible options to suit most commercial & residential buildings, the range includes; 1 to 6 buttons standard options, keypad & camera version doorstations.

"From a gate to a gate house, from a house to high rise"

The Sentry Doorstation have been installed in: Carparks, Depots, Apartments, Airports, Train Stations, Hotels and high security areas.

Australian designed and manufactured, The Sentry unit is designed to withstand tough conditions and is built to be **reliable**, **weather** and **vandal resistant**.

With a **low-cost of ownership**, the **Sentry Doorstation** is the best choice for securing any property from unwanted entry.

Australian
Made

User
Friendly

$ Low Cost
Ownership

Vandal
Resistant

Weather
Resistant

*Choose from either horizontal or vertical stainless steel panels, 1 to 6
buttons, keypad & a camera version (with 1 button or keypad)*

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

Choose the right enclosure to suit the location, our
range includes:

- 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)

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SENTRY Series

The Sentry Doorstation ranges from one to six buttons and can be expanded up to sixteen buttons on a custom panel. The standard panel (130mm X 270mm) is made from 304 stainless steel. The metal buttons and keypad (4x3) are made to be vandal resistant.

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.

With programmable auto dial buttons, the Sentry doorstations are a user friendly solution for controlled entry. In the event of noisy environments a push-to-talk feature can be implemented in order to overcome the background noise level while on a call. (Available on all models).

Options / Upgrades

The Master / Slave configuration, designed for two units to run at different heights for a combined car & truck gate entrance.

Two gate release option, when you require a remote release of two independent gates or doors from a single unit. This option is the inclusion of an additional relay, which can be fitted on request.

Engraving is a permanent way to label a call destination next to each button, or include the company logo.

A Camera Version doorstations are available with a single button or keypad configuration. The in built camera & light activate once button or keypad is pressed.

Additional Features

Speed dialer option

Vandal resistant buttons or keypad

Battery backup and solar panel (optional)

Remote programming facilities

Remote operating features

Remote diagnostic testing

Remote relay activation

Self identification

Push to talk for noisy environments

Up to 10 keyless entries

Low power operation mode

Handset or hands-free operation

Keypad or button operation (up to 24 buttons)

Stores up to 1000 phone numbers (primary numbers)

Two alternative numbers per primary number (local alt. number)

1000-number Caller Line Identification (CLI) for door access control

Two global alternative numbers if required (over-rides local alt. numbers)

Quad-band 3G/GSM, GPRS, EDGE and dual-band UMTS/HSDPA

Line Powered

A completely PSTN line powered unit that will supply sufficient audio level for low noise environments. It features easy programming for quick installation.

Externally Powered

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 an IP format.

3G/GSM

A wireless mobile phone intercom system using the 3G/GSM network. Powered by external 12V DC Power supply or Battery & Solar Powered.

FEATURE	Line Powered	Externally powered	VoIP	3G/GSM
Power Requirements	Line Powered 24-50dc 100mA	PSU 9-20Vdc 250mA	PoE / PSU 9-50Vdc 300mA	PSU 9-20Vdc 250mA
Standby Current	22mA(minimum)	10mA @ 18Vdc	60mA @ 13Vdc	25mA @ 12Vdc
Off Hook Current	PABX dependant	40mA @ 18Vdc	300mA @ 13Vdc	305mA @ 12Vdc
Relay Rating (Non Inductive Voltage Free)	0.5A@60Vdc/40Vac SELVorTNV	1A@50Vdc/30Vac SELVorTNV	1A@60Vdc/40Vac SELVorTNV	1A@60Vdc/40VacSELVorTNV
Dimensions Vertical Units	H 270mm W 130mm D 45mm	H 270mm W 130mm D 45mm	H 270mm W 130mm D 45mm	H 270mm W 130mm D 45mm
Dimensions Horizontal Units	H 130mm W 270mm D 45mm	H 130mm W 270mm D 45mm	H 130mm W 270mm D 45mm	H 130mm W 270mm D 45mm
Wall Cut-Out (mm)	225 x 115 x 40	225 x 115 x 40	225 x 115 x 40	225 x 115 x 40
SPL Ringer Output Level	>78dBa @ 1 metre	>85dBa @ 1 metre	>85dBa @ 1 metre	>85dBa @ 1 metre
REN	0.7	<1	N/A	N/A
Operating Temperature Range	-10 to +60	-10 to +60	0ºC to +50ºC	0ºC to +50ºC
Maximum Call Buttons	6	8	16 (custom panel)	16 (custom panel)

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SENTINEL DOORSTATION

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.

Externally Powered 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.

The SENTINEL (Keypad & Directory)

A Name & Phone Number capacity of 1000 (16 digits max)

Directory Service

Two on board relays with unique codes (standard)

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 (MK4 only)

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 (MK4 only)

Loud speaker output of 1 watt peak, one phone line required

Power pack supplied

Remote operating features (speaker and mic level control) (MK4 only)

Dual remote relay activation (door/gate release)

Local programming facilities (optional no bill interface) (MK4 only)

RFID card reader for gate release (optional)

Stainless Steel Enclosure

Acrylic Enclosure (Weather shield)

Stainless Steel inside an Acrylic Enclosure

Stainless Steel Hood Enclosure

Flush Mount Wall Box

Stainless Steel Enclosure

Acrylic Enclosure (Weather shield)

Stainless Steel Enclosure Inside an Acrylic Enclosure

Stainless Steel Hood Enclosure

Flush Mount Wall Box

ENCLOSURE OPTIONS

Choose the right enclosure to suit the location, our range includes:

- 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)

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SENTINEL Series

Sentinel Mk4

(This unit must be installed by qualified personnel)

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

The MK4 can be programmed via USB using the Sentpro software interface (included).

Remote & Wi-Fi programming options available.

- 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.

(Sentinel MK4 only)

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).

Australian
Made

User
Friendly

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Low Cost
Ownership

Vandal
Resistant

Weather
Resistant

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

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GUARD DOORSTATION

The Guard Doorstation is a **interactive loud speaking telephone unit**. It's compact design (standard brick size) ideal for installation in office, light commercial and residential locations.

Designed to be integrated any location that requires a loud speaking, hands-free telephone. It includes a vandal resistant front panel and weather resistant enclosure which offers reliable secure entry to any property. This user friendly unit will give you the ability to authorise access to welcomed visitors with door release activation.

Australian designed and manufactured, The Guard unit is designed to withstand tough conditions and is built to be **reliable**, **weather** and **vandal resistant**.

With a **low-cost of ownership**, the **Guard Doorstation** is the best choice for securing any property from unwanted entry.

The Guard Doorstation (Horizontal) is designed as a Flush Mount unit. It's size is deigned to fit neatly in the space of a standard house brick and is installed in a wall-mount box enclosure.

The Guard Doorstation (Vertical) is designed for surface mount installations. It comes already fitted with a Stainless Steel Enclosure.

POWER OPTIONS

LINE POWERED - Running off a PABX system or Service-Carriers Telephone Line 50V (no power supply)

EXTERNALLY POWERED - Unit is provided with a 12V DC Power supply

VoIP POWERED - By PoE or external power supply

3G/GSM - 12V DC Power supply

Australian
Made

User
Friendly

$
Low Cost
Ownership

Vandal
Resistant

Weather
Resistant

Stainless Steel Enclosure Included	*Remote relay activation*
Telephone-line powered	*Remote programming facilities*
Hands free operation	*Remote diagnostic testing*
Loud speaker output: Extenally Powered : 1Watt,	*Self identification*
VoIP:1Watt, LinePowered:78DbA/1 metre	*Vandal resistant*
Remote level control (for noisy environments)	*Weather Tough*
Auto dialling with alternate numbers	*Stainless steel hood*
Stainless steel push button	*Door release*
Push-to-talk option	*Firmware upgrade*
Speaker/microphone	

(Vertical) >
Stainless Steel
Weather Tough
Enclosure Included

W 100mm H 225mm D 45mm

< (Horizontal)
Zinc plated mild steel, Flush
mount Wall box Enclosure
Included

W 240mm H 90mm D 50mm

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GUARD DOORSTATION

Guard Doorstation
Line Powered (LP)

The Guard Doorstation Line Powered, only requiring a PSTN pair for power. Programming and setting up of the unit is via a remote touch tone phone or using a local keypad.

The Guard microphone and speaker level can be adjusted remotely. As well as individually activating up to *two separate relays. Multiple call buttons can be fitted if requested.

* Second relay available on request

Guard Doorstation
Externally Powered (DoorCom)

Similar to the Line Powered (LP) the Externally Powered (DoorCom) version is more suited to noisy environment with a higher wattage output speaker.

Programming and setting up of the unit is via a remote touch tone phone or using a local keypad.

* Second relay available on request

Guard Doorstation

VoIP

The Guard VoIP, connecting CAT5 cable with PoE is required for operation.

The VoIP model is standard IP-based communications network and uses the SIP protocol for a fast and reliable connection to modern PBX systems. The Guard VoIP can be PoE or externally powered. It provides remote door/gate release feature.

Programming is via a web browser interface on a connected network.

* Second relay available on request

VoIP Features

Compatibility SIP Protocol, CCM, Asterisk PBX ect.

Remote level control speaker/microphone

Dedicated VoIP chip set

Firmware upgradable

Only requiring a 10 base ethernet

Multi codec selection

1 on board relay with unique codes (optional 2nd)

Either relay may be set to in-use function

Relay "on" timer

Remote relay activation (door/gate release)

Hands-free up to 85dB @ 1Meter speaker output

Handset model available

Auto disconnect

2 Modes of power over ethernet (PoE)

Conversation timer

All options set via web browser

Non volatile memory

Optional dual line LCD with back light

Syslog relayed on events & at set intervals

< Weather Hood Enclosure

Height 133 mm
Width 275 mm
Depth 85 mm

Designed to help protect a flush mounted installed unit from weather and vandalism.

FEATURE	Externally Powered (DoorCom)	Line Powered (LP)	VoIP
Power Requirements	PSU 9-20 Volts (max) 250 mA	PSTN 24-50 Vdc(max) 18-100 mA	PoE / PSU 9-50Vdc 300mA
Standby Current	10mA @ 12Vdc	<50uA	60mA @ 13Vdc
In use Current	170mA@18Vdc peak	30mA TVN	300mA @ 13Vdc
Relay Contacts	Voltage free outputs	Voltage free outputs	Voltage free outputs
Relay Rating(Non Inductive Voltage Free)	1A@50Vdc / 1A@30Vac	1A@50Vdc / 1A@30Vac	1A@50Vdc / 1A@30Vac
Dimensions Vertical	W 100mm H 225mm D 45mm	W 100mm H 225mm D 45mm	W 100mm H 225mm D 45mm
Facia Dimensions Horizontal	W 254mm H 104mm D 42mm	W 254mm H 104mm D 42mm	W 254mm H 104mm D 42mm
Wall cutout (horizontal)	W 245mm H 95mm D 55mm	W 245mm H 95mm D 55mm	W 245mm H 95mm D 55mm
Programming Interface	Remote DTMF type	Remote DTMF type	Ethernet (Web)
Speaker Level	80dB @ 1 Meter	75dB @ 0.5 Meter	80dB @ 1 Meter
Operating Temperature Range	-10ºC to +60ºC	-10ºC to +60ºC	0ºC to +50ºC
PoE Class Requirements	N/A	N/A	PoE class 1 IEEE802.3af
Maximum Call Buttons	3	3	3

Guard Doorstation (vertical) mkII

Dimensions (mm) 100 x 225 x 45

Designed to be versitle in installation, it includes a vandal resistant, weather shielding stainless steel enclosure. (Surface mount installation)

Guard Doorstation (horizontal) mkIII

Facia Dimensions (mm) 254 x 104 x 42
Wall cutout (mm) 245 x 95 x 55

Includes a flush-mount wall-mount box enclosure.

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WEATHER TOUGH
RANGE

FIRE RED   GENERAL INDUSTRIAL YELLOW   BLUE

ENCLOSURE

The WeatherTough enclosure is rated **IP65**. Made from vandal resistant cast Aluminium Alloy with heavy duty powder coating on the enclosure. You have a choice of powder coated colours: Signal Red, Yellow and Space Blue.

Size: H 321 mm x W 205 mm x D 123.5 mm - **Weight material:** 5kg cast aluminium

IP RATING

IP is an acronym for **Ingress Protection**.
Each IP rating has 2 numbers. The first number refers to the protection against solid objects (dust, etc) and the second number refers to liquid protection.
The **Weather Tough range** is rated at: **6** (Dust tight) **5** (Protection against water jets)

IP 65
Ingress Protection Marking   SOLID Protection   WATER Protection

The **Weather Tough** Range is designed for Australia's rugged locations and toughest conditions.

It is well suited to motorways, tunnels, bridges, mining and construction sites as well as many business and commercial settings.

The WeatherTough enclosure is rated **IP65**. Made from vandal resistant cast Aluminium Alloy with heavy duty powder coating on the enclosure.

Choose from the following options: VoIP, Line Powered and 3G/GSM - Handset or Loud speaking - Armoured Cord or Rugged Curly Cord. The Weather Tough can be customised to any requirements. Please contact us for more information and to discuss the options.

FEATURES

Auto dialling

Remote level control speaker & microphone

Remote relay activation door release (standard on VoIP, LP, 3G/GSM & DCOM)

Remote programming facilities

Remote diagnostic testing (optional)

Self identification

Powder coated (space blue or emergency yellow as standard)

Door locks-open 180° & auto-closes 150°

Stainless Steel Spring Hinge

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CST
CUSTOMER SERVICE TELEPHONE

Standard sizes includes - W130mm × H270mm and W233mm X H322mm (custom sizes available)
*Choose from **keypad**, **custom buttons** to a **no button handset or loud-speaker** options.*
Custom screen printing, engraving & labelling on panel available.

POWER OPTIONS

LINE POWERED - Running off a PABX system or Service Carriers Telephone Line 50V (no power supply)

EXTERNALLY POWERED - Unit is provided with a 12V DC Power supply

VoIP POWERED - By PoE or external power supply

3G/GSM - 12V DC Power supply or Battery & Solar Powered.

The **CST (Customer Service Telephone)** is a dedicated information and customer support telephone. Made for high traffic public areas or secure installations.

It's designed to be a reliable and durable to suit the high usage in a any location.

Our CST's have been installed as customer information telephones in: Banks, Supermarkets, Shopping Centres, Taxi Areas, Airports, Train Stations, Hotels and Tourist Locations as an alternative to a staffed information kiosk.

The CST is also used as Public Telephones and in Prisons, where a durable exterior is required.

"Installed in the toughest and most exposed public locations"

A variety of options are available, including features allowing the handset to be mounted away from the main control equipment and flush mounting/wall mounting kits to ensure right fitting for any installation.

Options include a Keypad (touch tone dialing) capabilities to use IVR services and direct memory location dialing.

We design & manufacture The CST unit in Australia to withstand general public locations to be **reliable** and **vandal resistant**.

With a **low-cost of ownership**, the **CST** is the best choice for durable telephone.

FEATURES

Vandal resistant handset

Modular mounting

Full-duplex

Auto dialling, Hot Line & Keypad dial.

Vandal Resistant Stainless Steel Exterior

E3589

DallasDelta
Corporation Pty. Ltd.

HYGIENIC
CLEAN ROOM TELEPHONE

01 Back-Lit Low Powered LCD

02 Hands Free Loud Speaker & Mic

03 Call List Directory

04 One Touch On/Off

05 Complete Hands Free Auto Answer

06 Preset Speed dial

HYGIENIC PHONE

ON/OFF

VOLUME | YES | NO | VOLUME

MUTE | AUTO ANSWER ON / OFF

FLASH | REDIAL

SPEED DIAL DIGITS

1	2	3
4	5	6
7	8	9
*	0	#

PRESS DIGIT TO SPEED DIAL

MADE IN AUSTRALIA — Dallas Delta Corporation Pty. Ltd. — N722

*Designed for a clean room **hygienic** work space. It features easy to use large buttons, with one press **Speed-Dial**. A **Loud speaker & Microphone** that filters out background noise and **Auto answer / Auto Hang-up**.*

POWER

VoIP POWERED - By PoE or external power supply.

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

The **Hygienic telephone** is designed to meet the communication needs of **pharmaceutical**, **medical**, and **clean-room** facilities.

The front panel's polyurethane cover makes it resistant to harsh cleansers and most other chemicals used in a laboratory.

It's flat surface is easy to clean and does not have projecting buttons and crevices that can retain residues and become contaminated.

"Complete hands-free functions… Auto answer to Auto hang-up"

The Hygienic telephone has a number of presets and automatic features to minimise the touching of the unit. With hands-free functions like auto answer and auto hang-up.

To make a call, use the one-touch speed-dialling keypad to ten preset telephone numbers. (Auto-Redial's three times if the number is engaged)

Easy to program mode where the LCD will prompt you with instructions step by step. Or if the Hygienic Telephone is installed in a restricted area where a service people can't gain access. The unit can then be remotely programmed.

FEATURES

Hand-free operation

Auto Answer / Hang-up / Redial

Speed Dial - Multi-number dialling option 10 direct memories

Loud speaker output 78DbA/1metre

Chemical resistant Polyurethane Panel

Easy Cleaning Flat smooth Panel (no protrusions)

Flash transfer

Remote level control speaker / microphone

Remote relay activation door release

Remote programming facilities

Remote diagnostic testing

Switching circuitry to screen out constant background industrial noise

E3589

HYGIENIC
CLEAN ROOM TELEPHONE

Functions

1 Volume down / Menu Down key

2 Yes / Enter key

3 No / Cancel key

4 Volume Up / Menu Up key

5 Microphone position

6 Mute / Mute on Answer / PABX Pause entry key

7 Flash / Transfer key

8 Redial key

9 Auto Answer function ON / OFF

10 ON /OFF key

11 Number entry keypad.

12 Speed dial memory directory

13 LCD display.

14 Speaker

VoIP Model

The Hygienic VoIP, connecting using CAT5 cable with PoE required for operation.

The VoIP model is standard IP-based communications network and uses the SIP protocol for a fast and reliable connection to modern PBX systems.

Programming is via a web browser interface on a connected network.

Additional Features

VoIP-H FEATURES

Dedicated VoIP chip set

Firmware up-gradable

Only requiring a 10 Base-T ethernet

Compatibility SIP Protocol, CCM, Asterisk PBX ect.

Multi CODEC selection

10 One Touch Speed dial locations plus last number redial

Hands-free with 1 Watt RMS speaker output

Auto disconnect

2 modes of Power over Ethernet (PoE) or separate power input

Conversation timer

Auto Answer on/off and may be selectable locally

Auto Mute on Auto Answer, selectable on/off

Adjustable speaker volume control (during a call)

All options set via HTTP Web GUI

Non volatile memory

Dual line LCD with back light

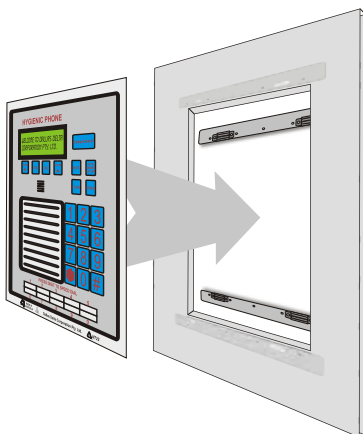*On board relays with unique codes (optional 2nd relay)*

Either relay may be set for in-use function

Remote relay activation (door/gate release)

Relay on timer

FEATURE	VoIP Model	
Power:	**Input voltage**	**9 Volts (minimum) - 50 Volts (maximum)**
Current consumption:	**Idle mode**	**60mA @ 13Vdc (0.8 Watts)**
	On call	**100mA @ 13Vdc (1.3 Watts)** normally
		<300mA @ 13Vdc (3.9Watts) (maximum volume into a 8ohms speaker)
Relay contacts:	**Switching maximum**	**1A @ 60Vdc / 40Vac SELV or TNV** (non inductive load) voltage free outputs
Temperature:	**Operating range**	**0ºC to +50ºC**
SPL:	**Ringer output level**	**>80dBa @ 1 metre (32 steps)**
Communication:	**Ethernet**	**10 BASE-T SIP**
	Connection protocol	**G711 (uLaw, aLaw), Speex, iLBC, G726-32**
	CODECs	**GSM, G.729**
Physical:	**Panel dimensions**	**W 246mm x H 281mm**
	Wall cut-out	**W 225mm x H 240mm x D 45mm**
	Weight (kg)	**approx. 1.6kg**

4 Step Installation

1. Using the supplied paper template, level and place in a location away from studs or cables. Then cut and drill as marked on template.

2. Install flush-mount bracket

3. Connect required cables

4. Push unit into cavity and clip into brackets

DallasDelta
Corporation Pty. Ltd.

ENCLOSURES

FIRE RED

GENERAL INDUSTRIAL YELLOW

BLUE

WeatherTough

Made from vandal resistant cast Aluminium Alloy with heavy duty powder coating on the enclosure.

Fire Red

SKU: WTRENC

Cast Aluminium Enclosure Heavy Duty Powder coated (Signal Red)

Height 321.0 mm
Width 205.0 mm
Depth 123.5 mm
Weight material 5kg

Blue

SKU: WTBENC

Cast Aluminium Enclosure Heavy Duty Powder coated (Space Blue)

Height 321.0 mm
Width 205.0 mm
Depth 123.5 mm
Weight material 5kg

General Industrial Yellow

SKU: WTYENC

Cast Aluminium Enclosure Heavy Duty Powder coated (Yellow)

Height 321.0 mm
Width 205.0 mm
Depth 123.5 mm
Weight material 5kg

The Weather Tough Range options

The Weather Tough Enclosure range is designed to fit a variety of telephone interface styles. For more information on the available options, please refer to Weather Tough Brochure downloadable from our website: **www.dallasdelta.com**

CST

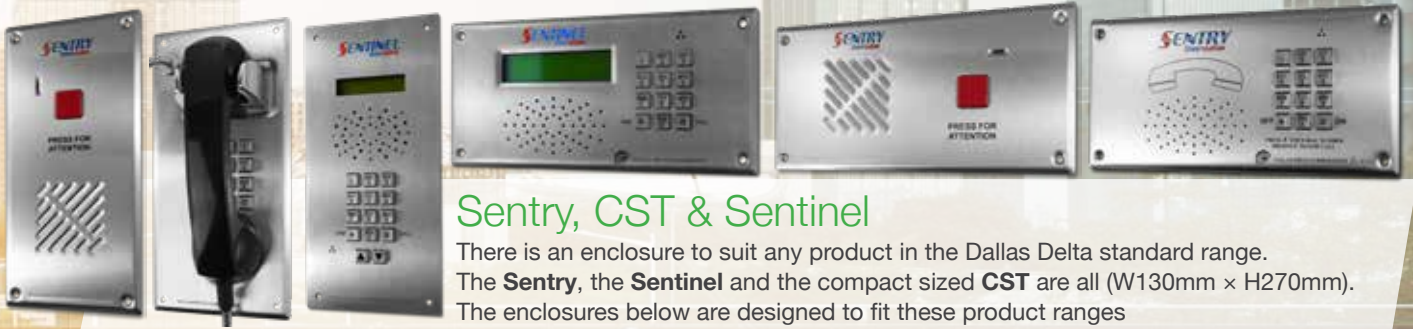Built to suit the larger standard size CST (W233mm X H322mm)

SKU: ENCCSTSS

Stainless Steel Enclosure (304 grade material)

Height 325.0 mm
Width 237.0 mm
Depth 94.0 mm

SKU: ENCCSTPC

Powder Coasted (White) Mild Steel Enclosure

Height 325.0 mm
Width 237.0 mm
Depth 94.0 mm

Sentry, CST & Sentinel

There is an enclosure to suit any product in the Dallas Delta standard range.
The **Sentry**, the **Sentinel** and the compact sized **CST** are all (W130mm × H270mm).
The enclosures below are designed to fit these product ranges

SKU: ENCSSV

Stainless Steel Enclosure (304 grade material)

Height 275.0 mm
Width 133.0 mm
Depth 85.0 mm

SKU: ENCDSPCV

Powder Coated

Height 275.0 mm
Width 133.0 mm
Depth 85.0 mm

SKU: ENCACV

Acrylic Enclosure (Weather Shield)

Height 286.0 mm
Width 158.0 mm
Depth 110.0 mm

A Stainless Steel Enclosure is mounted inside an Acrylic Enclosure (Weather Shield)

Designed to extra protect the mechanical parts of the unit from environmental elements

SKU: SENTRYHV

Stainless Steel Hood (304 grade material)

Height 275.0 mm
Width 133.0 mm
Depth 85.0 mm

Designed to help protect a flush mounted installed unit from weather and vandalism.

SKU: ENCWB

Flush Mount Wall box

Height 262.0 mm
Width 122.0 mm
Depth 47.0 mm

Designed to suit a recessed installation. The flush mount wall box is mounted into a hard cavity and fixed in to place so that the telephone unit can then be mounted into it.

SKU: ENCSSH

Stainless Steel Enclosure (304 grade material)

Height 133.0 mm
Width 275.0 mm
Depth 85.0 mm

SKU: ENCSSV

Powder Coated Enclosure

Height 133.0 mm
Width 275.0 mm
Depth 85.0 mm

SKU: ENCACH

Acrylic Enclosure (Weather Shield)

Height 298.0 mm
Width 150.0 mm
Depth 110.0 mm

A Stainless Steel Enclosure is mounted inside an Acrylic Enclosure (Weather Shield)

Designed to extra protect the mechanical parts of the unit from environmental elements

SKU: SENTRYHH

Weather Hood Enclosure

Height 133.0 mm
Width 275.0 mm
Depth 85.0 mm

Designed to help protect a flush mounted installed unit from weather and vandalism.

SKU: ENCWB

Flush Mount Wall box

Height 122.0 mm
Width 262.0 mm
Depth 47.0 mm

Designed to suit a recessed installation. The flush mount wall box is mounted into a hard cavity and fixed in to place so that the telephone unit can then be mounted into it.

E3589

ISO 9001:2008 REGISTERED FIRM

DallasDelta
Corporation Pty. Ltd.

LIFTCOM

06 Remote Relay Activation Door Release

05 Voice Message Record & Playback

03 Self Identification

01 Remote Diagnostic Testing

04 Local Keypad

02 Connection for Loud Speaker & Mic

*Installed in Lift cars for emergency auto dialing. The Liftcom emergency telephone features easy to use interface, with one press **Speed-Dial.** Choice of internal or external **Loud Speaker & Microphone** that filters out background noise.*

POWER OPTIONS

(LIFTCOM LP8) LINE POWERED - Running off a PABX system or Service-Carriers Telephone Line 50V (no power supply)

(LIFTCOM Mk3) EXTERNALLY POWERED - using a PSTN featuring an interactive voice prompt for quick and easy programming (power pack supplied). Unit is provided with a 12V DC Power supply

VoIP POWERED - By PoE or external power supply.

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

The Liftcom is a emergency lift-car telephone system, that can be integrated with an existing lift-car system. It includes a one-touch autodialer, loud-speaker, voice recorder & playback facilities. The unit is externally powered and is cased in a very compact and robust enclosure. Choice of internal or external speaker and microphone. the external option there is a 2 meter cable so that the speaker and mic can be mounted elsewhere and the Internal option has the speaker and mic mounted next to the unit.

Human interaction between the Liftcom and the user makes this an advanced lift-car telephone. The unit can identify itself during a call when voice is detected, or when any key is pressed by the remote operator. A choice of a DTMF ID can be sent, or a selection of voice messages. The call button can also be used for interactive responses when pressed during an established call. An LED operates in time with the on board relay or it can be configured to indicate off-hook status.

"Self identification and advanced Lift car telephone features"

The Liftcom is fitted with an onboard relay with the option of two extra relays can be fitted upon request. The emergency button will activate relay 2 if it is held on by the lift occupant for more than 3 seconds and will stay on for a predetermined time or until the button is released. This function may be used to trigger an alarm bell or lamp to warn local tenants that someone is unable to exit the lift.

Relays can be programmed to be activated remotely using a touch tone (DTMF) phone. A response beep will indicate that the code was correct and the relay has activated.

Dimensions: (mm) 168 x 84 x 38 **Total Weight (including speaker):** 180 grams

Speaker Output Level: >78dBa @ 1 metre (analog amplifier) 18 - 80mA

Dialling: Digit capacity - 16, Direct number call - 2, Alternate number call - 2

Power options: Line Powered (LP8) - Externally Powered (Mk3) - VoIP powered PoE or 12 v DC supply.

(The Liftcom meets all standard requirements for an Australian lift-car intercom and complies with AS1735 - including part 12).

FEATURES

Voice message record and playback

Hands free operation

Loud speaker output >88dBa @ 1metre

Auto dialling with alternate number

Remote operating features

Button or remote relay activation

Remote programming facilities

Self identification via voice and DTMF

Built-in electronic voice interrogation

Seven alarm inputs (optional)

Multi-line capability (optional)

Remote relay activation door release

Remote diagnostic testing

Switching circuitry (screen out background noise)

Remote diagnostic testing

DallasDelta
Corporation Pty. Ltd.

POLEPHONES

IP RATING   IP RATING   IP RATING   IP RATING   IP RATING

6 5   6 5   5 4   5 4   5 4

(option to IP65)   (option to IP65)   (option to IP65)

The Polephones have been designed to suit many of Dallas Delta's PSTN, GSM, Loudspeaking and Handset products. These durable housings are made out of aluminium/mild steel (zinc plated) and are designed for all weather conditions and environments.

01 Australian Made	02 User Friendly	03 Low Cost Ownership	04 Vandal Resistant	05 Weather Resistant

The **Polephone** is designed to meet the communication needs of any location.

Our Polephones are installed on roadsides, parks, fire stations, tunnels and many remote places as a help point emergency telephone.

All units are heavy duty powdercoated and can be custom made to suit all weather conditions and site specifications. The durable housings can be made from cast aluminium alloy or mild steel (zinc plated), and can be mounted to ground, jersey barriers or on walls (external or flush mounted).

> *"Our Polephones are a safepoint in many remote locations, Australia wide"*

The Dallas Delta Polephones are designed to protect the mechanical parts of a emergency telephone unit. A polephone can be combined with any of our Weather tough range, which are **IP 65 rated**: **6** (Dust tight) **5** (Protection against water jets).

Please contact us for more information and to discuss the options with our Polephones.

FEATURES

- *Weather proof*
- *Vandal resistant*
- *Tamper sensors*
- *Shock sensors*
- *Tilt switches*
- *Easy cleaning*
- *Automatic reporting*
- *Non corrosive aluminium construction*

- *Designed to shear at base on impact*
- *Solar panels*
- *Loudspeaking or handset*
- *Self diagnostic testing*
- *Remote maintenance software*
- *Remote diagnostic testing*
- *Multi number dialling*

E3589

New address: 53 Barry Road Campbellfield VICTORIA 3061