CS TECHNOLOGIES

Australian Leaders in Access Control Solutions

AUSTRALIAN MADE

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Australian Leaders in Access Control Solutions

CS Technologies provide smart security solutions that integrate with your business and your lifestyle
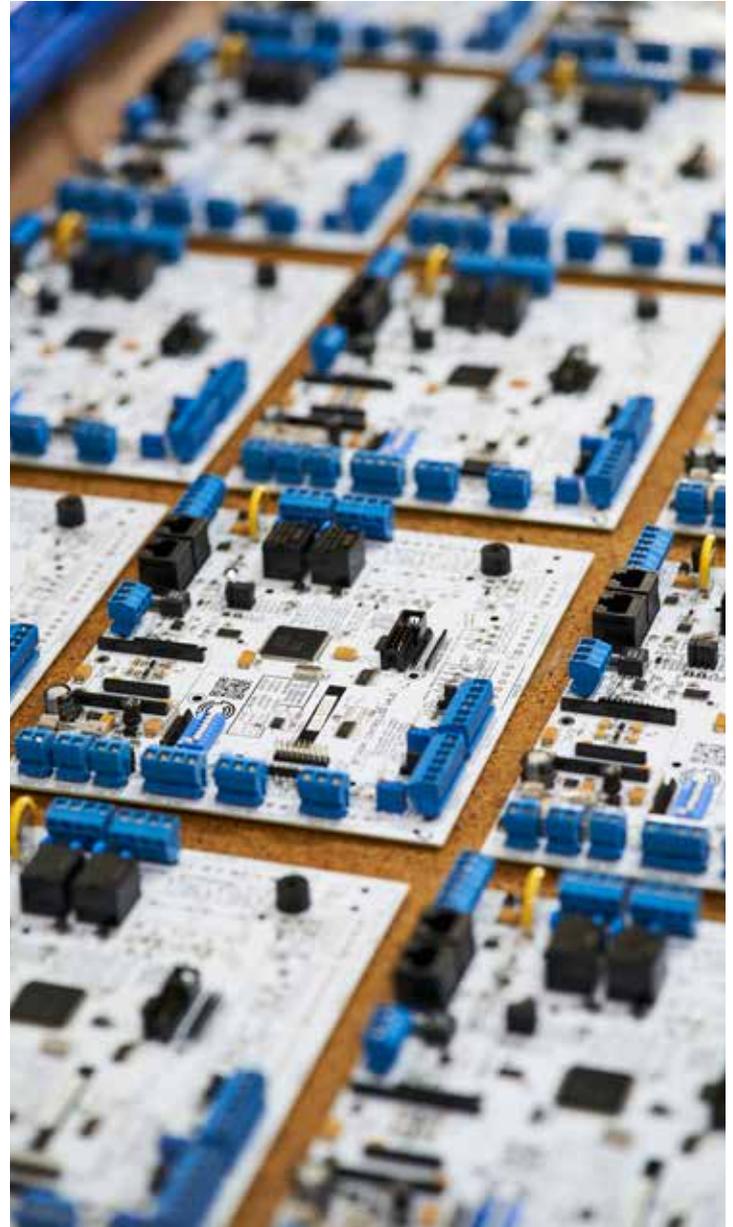
CS Technologies is an Australian owned, leader in designing and manufacturing solutions for the building access control and security market. We are committed to enhancing customer value by delivering the most advanced features, modular and flexible design, cost effective and most importantly the easiest to use Access Control and Security System on the market.

Established in 1987, CS Technologies grew out of the response of the Australian access control market. Back then your only option was expensive, non-flexible American solutions. CS Technologies created a revolutionary fully independent controller that could be customised for the Australian market requirements. It was feature packed, easy to use and was price competitive.

We built up an enviable reputation in the building access solutions market. Systems have been installed in thousands of businesses and organisations in virtually all industry sectors, including government, healthcare, retail, industrial, commercial, airports/ports, finance and education.

CS Technologies has continued ongoing research to dedicate and ensure that their product meets their customer needs by adding and offering the latest innovations in the industry, while still providing absolute confidence in performance and value.

CS Technologies products are sold to security install companies through numerous security distributors throughout Australia.

Established in 1987 in Sydney, Australia, CS Technologies continue to design and develop feature packed and easy to use access control systems.

AUSTRALIAN MADE®

www.cs-technologies.com.au

Smart Security Solutions

Built for you by Industry Professionals

The Evolution System is an advanced, feature packed, genuine Australian made and owned, integrated Building Access Control and Security System. It features a flexible and cost-effective modular design suitable for small jobs as well as large corporate national systems.

Schools & Universities

Banks & Institutions

Retail & Shopping Centres

Office Buildings

Warehouse & Self Storage

Caravan Parks, Gyms & Healthcare

Comprehensive & Integrated Access Control

Access control solutions from CS Technologies serve a wide range of security use cases, from stand-alone buildings to complex corporations.

We make access control systems that can go well beyond security to enhance building efficiencies and operations. Some of these features include:

Seamless Integration

Control Building Doors, Lift, Alarms Areas, Lighting, Air conditioning and much more with the flexibility of your choice of preferred credential technology. Compatible with industry standard OSDP, Wiegand and other common reader data formats.

High Level Lift Interface

Mandatory in 'A Class' buildings these interfaces provide the quickest, most efficient management of the users in a buildings lift/s.

Integrated Alarm

Make alarm control simple and fool proof. Assign a door reader to open a door and turn off the alarm when they enter. Deny user access based on the status of the alarm. Assign auto arming times with auto arming warning options.

Alarm Expansion Boards

4 State monitored input expansion boards. Monitor inputs for any sort of cable tamper – Sealed, Alarm, Open Circuit Tamper, Short Circuit Tamper.

Back to Base Monitoring

Emizon Dual path communication monitoring capabilities provide a constant link between the EVO panel and the 24hr alarm response centres.

CCTV Interfaces

Integrate with CCTV systems to perform direct time stamp video calling to link door transactions with video footage and more.

Evolution Software
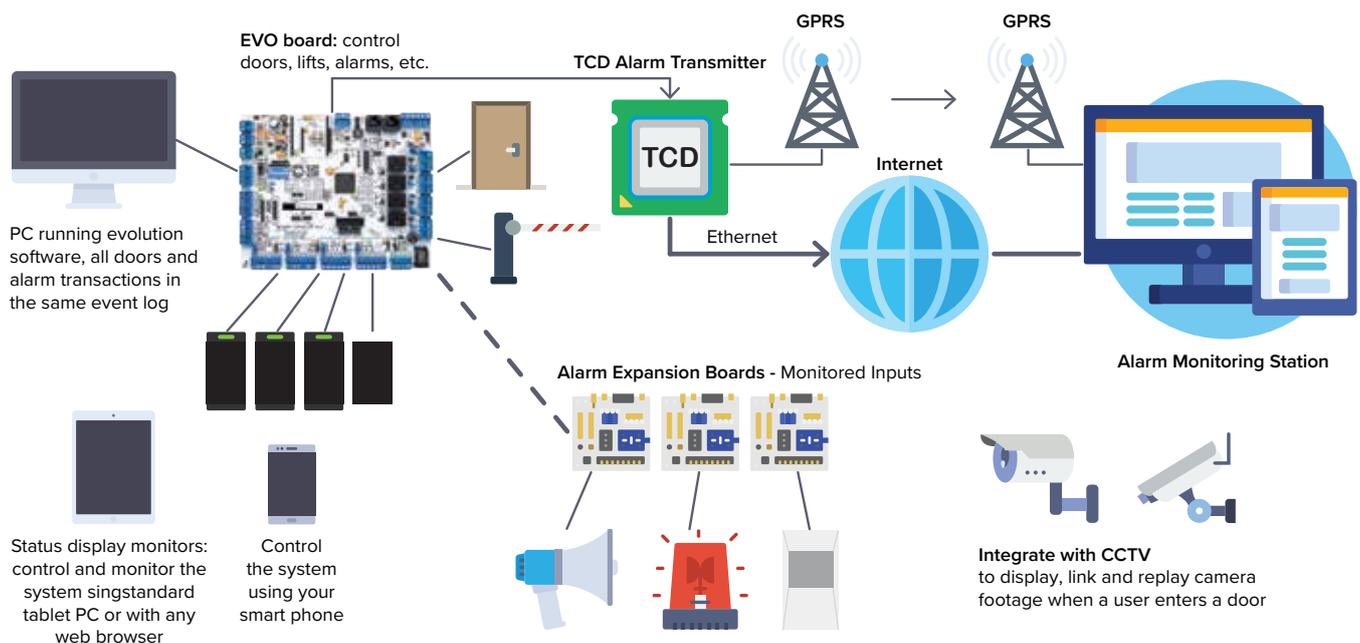
FREE System Management Software

The Evolution Management software is designed to be the industry's most user-friendly management system, making building access control and security simple.

Features:

- FREE System Management Software
  - Windows OS / Server
  - Virtual Machine (Azure/Amazon)
- Manage Users
- Control Doors, Floors and Alarms
- Generate System Reports
  - Automatic reports
- Remote Programming
  - Built in Web Interface
  - Free iOS or Android App
- Email Alarms
- User Photo Support
- Interactive Floor Plans
- Support for 3rd Party application Integration
- SDK available

Evolution Management software is 100% free, no licensing, powerful, quick to setup and intuitive to use. Built-in help information appears when you hover your mouse over all parts of the software.

EVO board: control doors, lifts, alarms, etc.

TCD Alarm Transmitter

GPRS

GPRS

TCD

Internet

Ethernet

PC running evolution software, all doors and alarm transactions in the same event log

Alarm Monitoring Station

Alarm Expansion Boards - Monitored Inputs

Status display monitors: control and monitor the system singstandard tablet PC or with any web browser

Control the system using your smart phone

Integrate with CCTV to display, link and replay camera footage when a user enters a door

Network Access Control

EVO4 & EVO2 Network Controllers

Certified Australian Made

Fully distributed - all programming is in the controller

On board clock and transaction history buffer

Modular Design - add as many EVO2/4 boards as required

CS Technologies Evolution building access control system allows you to easily manage Users, Control Doors, Floors and Alarms & Generate System Reports.

CS Technologies EVO2 & EVO4 Network Controllers are:

- Fully distributed – All programming is in each controller
- Proven reliable boards
- Modular – Suitable for small and large buildings
  - Up to 128 controllers per location
  - Unlimited locations
- Easy to install and use.
- Can control anything that can be switched on or off (Doors, Boom Gates, Lifts, Air conditioning, Lighting etc.)
- Supports most reader types
- OSDP, Wiegand, Presco, Silkey and Clock + Data
- Made in Australia

4 DOOR | CSEVO4

40,000 USERS
*CAPACITY PER CONTROLLER
4 READERS PER CONTROLLER
12,500 TRANSACTIONS

UNLIMITED SITE CODES
DOOR, LIFT & ALARM CONTROL

2 DOOR | CSEVO2

2000 USERS
*CAPACITY PER CONTROLLER
2 READERS PER CONTROLLER
1,000 TRANSACTIONS
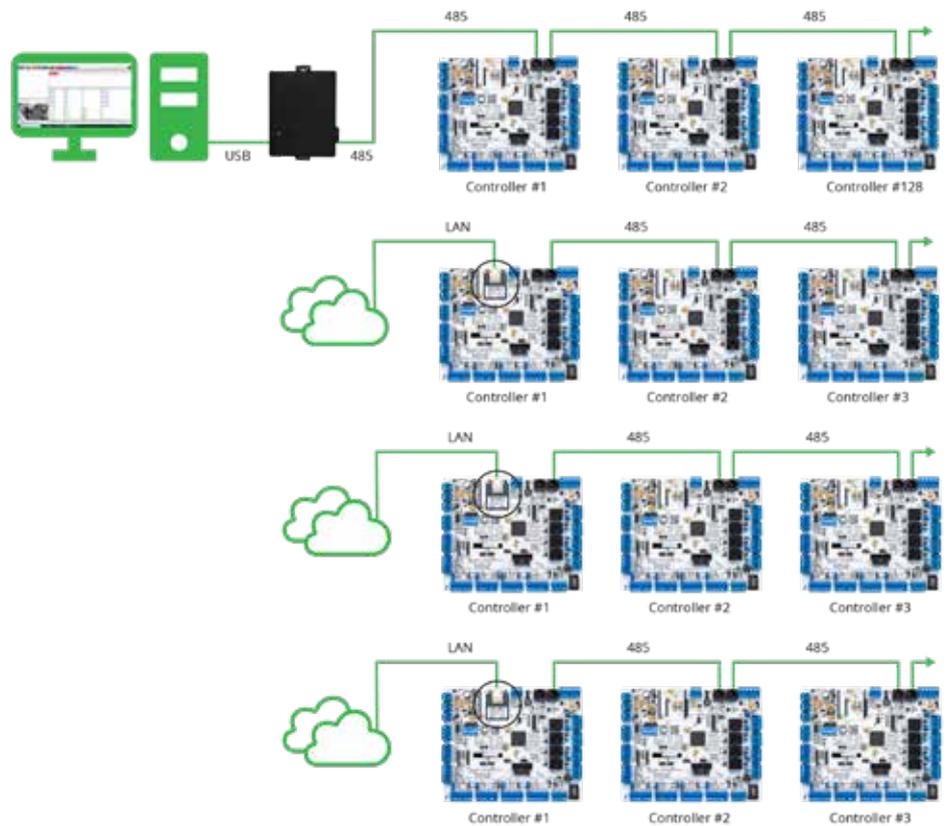
UNLIMITED SITE CODES
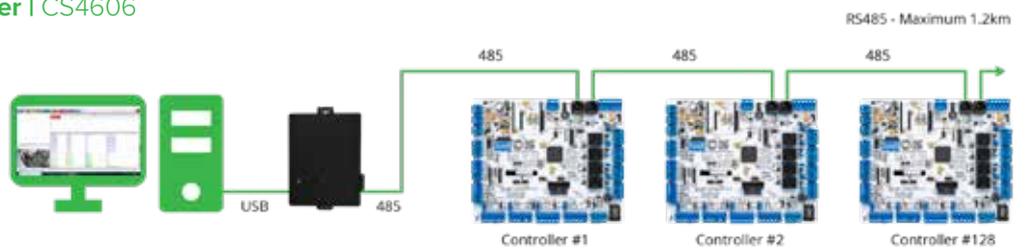DOOR & ALARM CONTROL

System Architecture

Up to 128 EVO2/4 controllers can be connected back to a programming PC running Evolution software to program and extract transactions from the controllers.

This is done by running a RS485 comms bus (CAT5/6 cable) between controllers. Controllers are connected in a daisy chain with a total cabling distance up to 1.2km.

The PC can connect to the first controller via USB or optional LAN that can be fitted directly on the controller. Each connection is called a location and unlimited locations can be connected to the software.
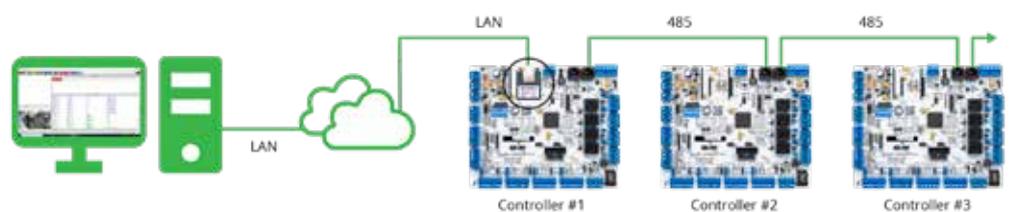

USB to RS485 Comms Converter | CS4606

Plug and Play | Includes USB connection cable | Device is power by the PC

Lantronix LAN Adapter | CS4611

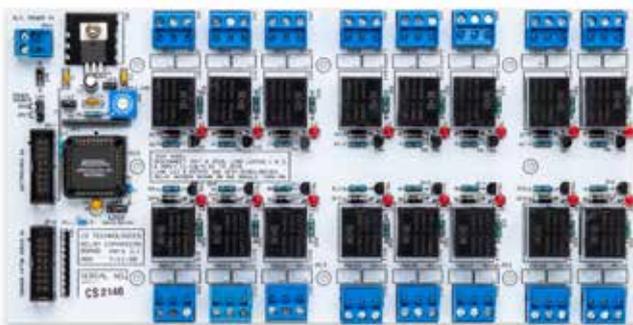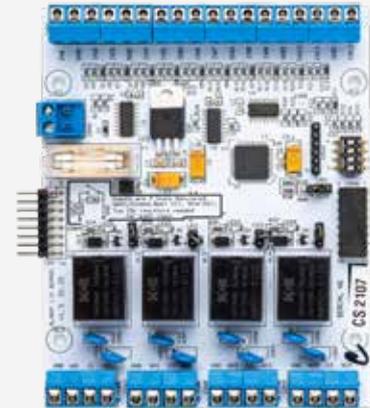Plugs directly on the EVO2/4 Board | Auto DHCP

Expansion Boards

Expansion boards allow you to expand the input and output capacity of each EVO2/4 controller.

CS 12 Input and 4 Relay
Expansion Board | CS4270

- Suitable for connecting PIR's, Detectors, Sirens, Arming Buzzers and standalone alarm panels to an EVO controller.

- 12 Inputs
- Inputs can be 4-state monitored inputs
    - Open, Closed, Open Circuit, Short Circuit
    - Install with 2x 10k resistors

- 4 Relays
- Connect up to 5x CS4270 expansion boards to each EVO controller
    - Total; 98 inputs and 36 relays

- Board can be mounted on top of EVO controller
- Connects to controller via ribbon cable

CS 16-Way Relay Expansion
Board | CS4322

- Suitable for Elevator control.
- 16 Relays
- Connect up to 16, 16-Way Relay boards to each EVO controller
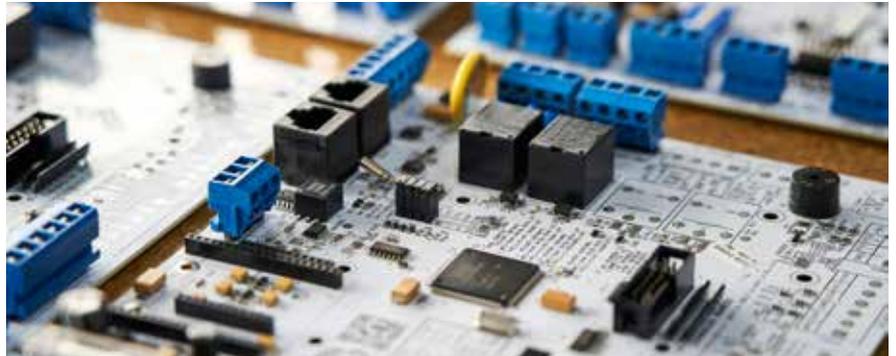   - Total; 250 relays

CS 16-Way Input Expansion
Board | CS4323

- Suitable for Elevator intercom release and floor destination control.
- 16 Inputs
- Inputs can be Dry Contact or Voltage sensing
- Connect up to 16, 16-Way Input boards to each EVO controller
    - Total; 250 inputs

Enclosures

CS mounting plates and enclosure come with predrilled mounting holes to suit installation of CSEVO2, CSEVO4 and 16-way CS4322, CS4323 expansion boards.

CS Controller Mounting Plate
CS4765

- Dimensions: 250 x 170 x 1.2mm

CS Standard Lockable Box
CS4763A

- Fits 1x EVO controller
- Included 3-wheel combination lock
- Dimensions: 300 x 320 x 100mm

CS Large Lockable Box
CS4763AL

- Fits 2x EVO controllers or 1x EVO controller and a power supply
- Included 3-wheel combination lock
- Dimensions: 300 x 550 x 100mm

Power Supply

CS Power supply is designed to complement the EVO controllers with AC Fail and Battery Low outputs that can be directly connected to the EVO controllers and monitored in the access control software.

CS 5Amp Power Supply | CS9001

- 13.8V DC, 5 Amp Power Supply
- Relay outputs
  - AC Fail
  - Battery Low
- Backup battery sold separately
  - Typically 12V 7Ah battery
- Dimensions: 265 x 195 x 75mm
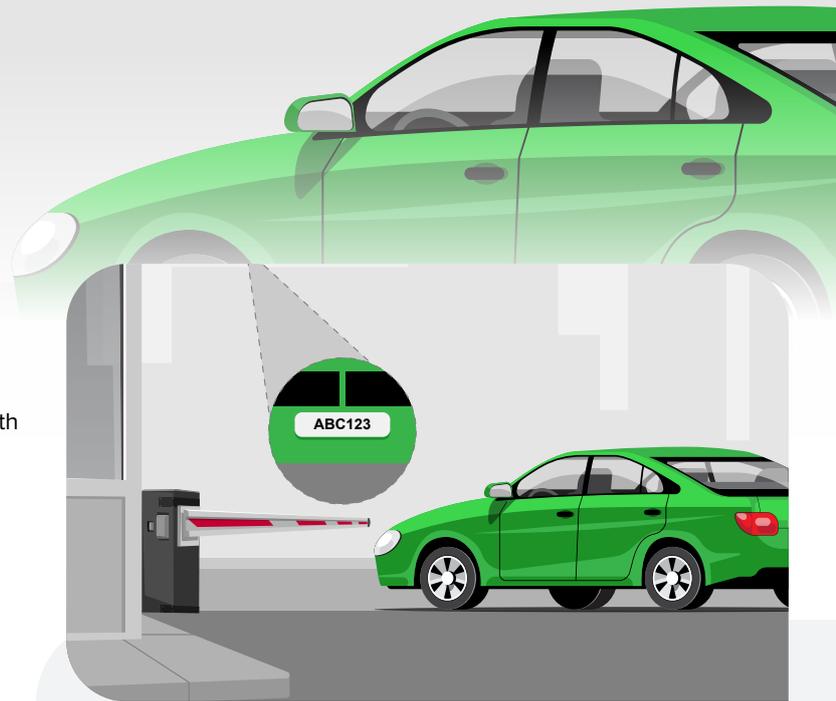
Entrance & Exit AI LPR Cameras

CS TECHNOLOGIES

EVOlution⁺

Streamline your parking operations with license plate recognition (LPR)

CS Technologies Evolution Access Control system integrates with most Caravan Park booking applications to provide seamless guest access to the sites entry and exit boom gates.
We now offer an all in one ability to also use Car Number Plates for park entry and exit using LPR cameras.

ABC123

KEY SYSTEM FEATURES

✓ Integrates with most booking management software.

✓ Car Number Plates are extracted from booking software.

✓ Direct communication to LPR cameras

✓ No Need for camera 'black or white lists'.

✓ Functions along side Keypad and Card Readers

✓ User Anti-passback (Entry and Exit)

✓ Automatic Activation and Deactivation of user for their stay period.

Contract your security installer for more details and pricing to upgrade your existing system.

LPR Cameras

Milesight

Milesight 2MP LPR Bullet Camera with Motorised Lense
MSC2964RFLPE

Milesight 2MP LPR Bullet Camera with Varifocal Lense
TS2961X12TPE

Accessories

Pole Mount
MSA01

External Corner Bracket
MSA03

Junction Box – For Motorised Lense Camera MSA63

Junction Box – For Varifocal Lense Camera
MSA62

Stand-alone Access Control

CS Technologies standalone access control solutions are ideal for low-cost secure access control solutions. Stand-alone systems have no history reporting however still allow you to add and remove users from an access system using a programming keypad.

- Users can be added or removed using programming keypad (CS4100)
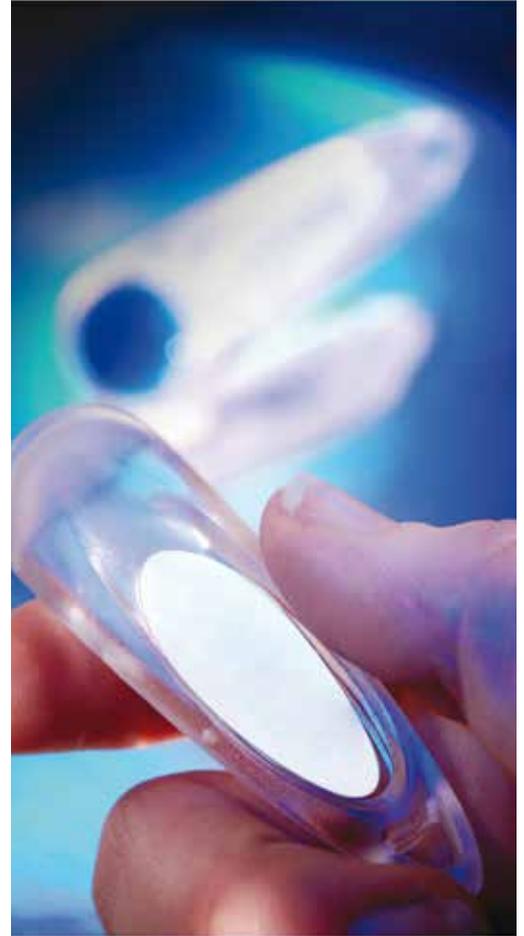- Requires 12VDC Power Supply.

ACE Wiegand – 1 Door Controller
CS4890

- 4000 Users
- Works with 26-bit Wiegand readers
- Pre-programed and ready to install
- Programmable relay release time
- Egress input
- Cards must have same site code
- Cards must be in 4000 number sequence block

CS Standalone Programming Keypad
CS4100

- Low Cost Presco Plastic Keypad
- Can be removed after programming

Readers & Keys

CS Silkey Reader | CS1013

- Works with Dallas F3 and F5 silicon buttons
- Weather and Vandal resistant
- Bi-colour LED indication
- Output; 1-wire iButton data format
- Dimensions; 32mm

CS Silkey Custom Fob | CS2015

- Free Custom insert coining and numbering
- Supplied with DS1990-F3 Dallas Button
- Durable polycarbonate construction

CS Proximity Fob | CS4067

- Free Custom insert coining and numbering
- 125kHZ (Temic e5557)
- Encoding available; eM, HID, Ultra Prox.
- Durable polycarbonate
- construction

RF Remotes & Receivers

Transmitters

Secure two-button, 433.92 MHz radio-frequency (RF) keyfob transmitter offering access control user authentication using RF transmission.

Suitable for applications long distance control applications such as carpark access.

If custom site code and numbers are required, please purchase the 'custom programming version'.

Optional internal tag: Keyfobs can be fitted with an optional EM, HID, HID iClass or Mifare Classic internal tag. Please contact for additional costings.

CS 2 Button RF Remote

Default Programming | CS8302
Custom Programming | CS8302C

CS 4 Button RF Remote

Default Programming | CS8304
Custom Programming | CS8304C

Receivers

CS 6 Channel, Wiegand, RF receiver is ideal for long range wireless access verification.
The RF signal sent from the CS RF Transmitters are encrypted with KEELOQ® Code Hopping technology.
Two types of receivers are available (standalone and Wiegand), with a choice of standard or IP65 housing.

Standalone

The standalone receiver decodes CS RF Transmitters and depending on the button number pressed on the Transmitter will activate 1 of 6 relays. Relays can operate in 3 operational modes (momentary, latching and timed for 5 seconds).

The standalone controller can learn up to 240 transmitters.

Wiegand

The Wiegand receiver decodes CS RF Transmitters into a Wiegand 26 bit number and outputs the number to the corresponds channel depending on the button number pressed on the fob.

It provides 6 output channels of 26 bit Wiegand protocol and connects to the access control panel in the same way as typical Wiegand card readers. In this mode up to 6 entry points / devices can be controlled by the receiver.

CS 6 Channel RF Receiver

Standard Housing – Standalone | CS8201

IP65 Housing – Standalone | CS8203

- Frequency: 433MHz
- Security: KEELOQ® Code Hopping
- Combinations: 4.2 billion
- Operating voltage:12-24VDC
- Current: 290mA VDC if all relays triggered
- Output: 6 Relays
- Relay modes: 3 - Latching, Momentary or Timed (5 seconds)
- Learning Capacity: 240 transmitters
- Range: 100m (typically 30m indoors)
- Dimensions: 110 x 75 x 31mm

CS 6 Channel RF Receiver

Standard Housing – Wiegand | CS8202

IP65 Housing – Wiegand | CS8204

- Frequency: 433MHz
- Security: KEELOQ® Code Hopping
- Combinations: 4.2 billion
- Operating voltage:12-24VDC
- Current: 10mA
- Output: Weigand. 6 separate data channels
- Range: 100m (typically 30m indoors)
- Dimensions: 124 x 80 x 32mm
  Includes mounting brackets

CS TECHNOLOGIES

For more information, visit

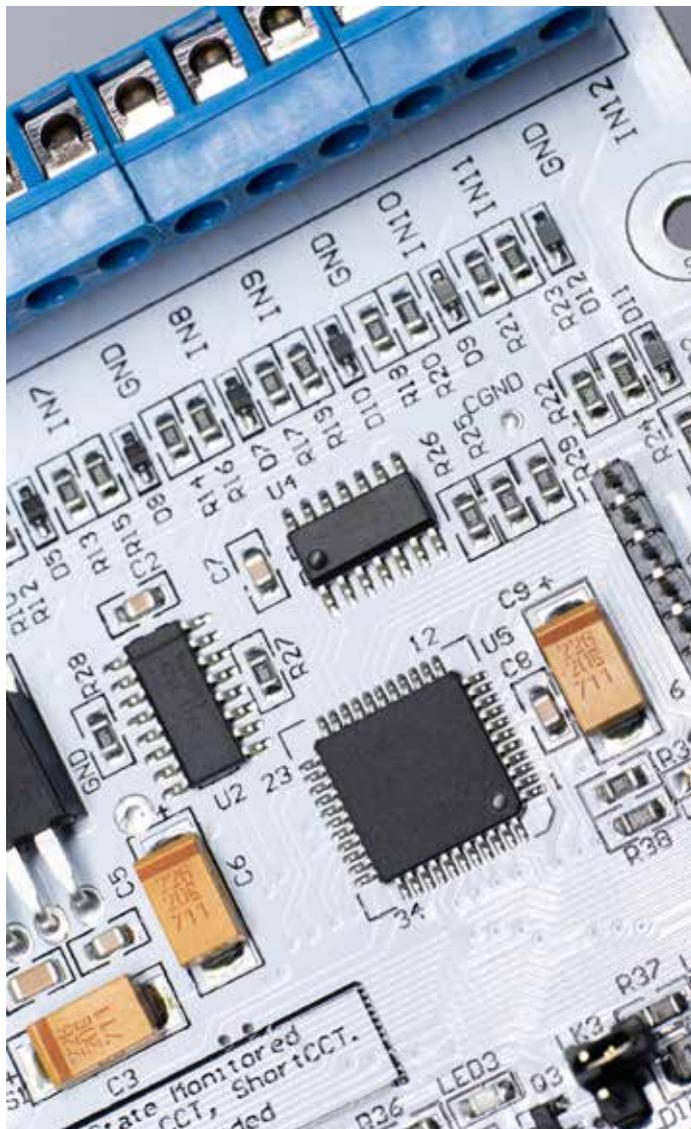**www.cs-technologies.com.au**

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