



CS TECHNOLOGIES

Australian Leaders in Access Control Solutions



Product Catalogue 2022
www.cs-technologies.com.au



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Australian Leaders in Access Control Solutions



CS Technologies provide smart security solutions that integrate with your business and your lifestyle

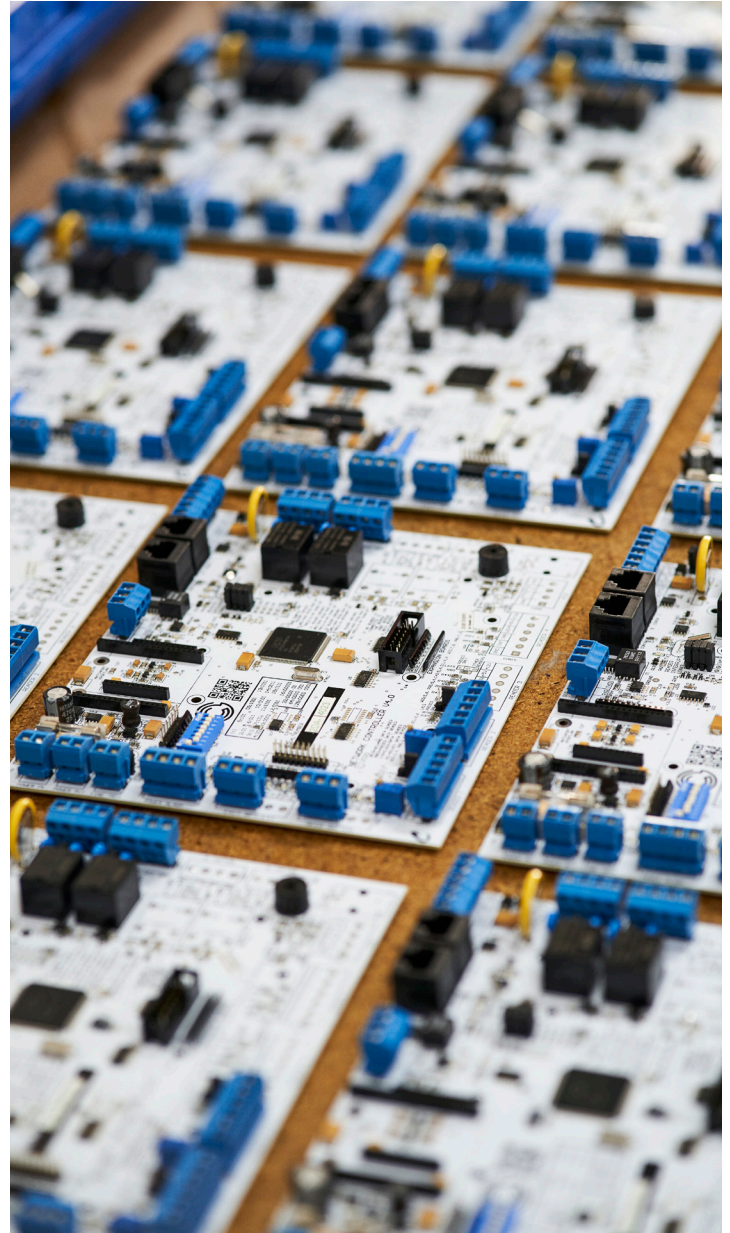
CS Technologies is an Australian owned, leader in designing and manufacturing solutions for the building access control and security market. We are committed to enhancing customer value by delivering the most advanced features, modular and flexible design, cost effective and most importantly the easiest 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.



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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

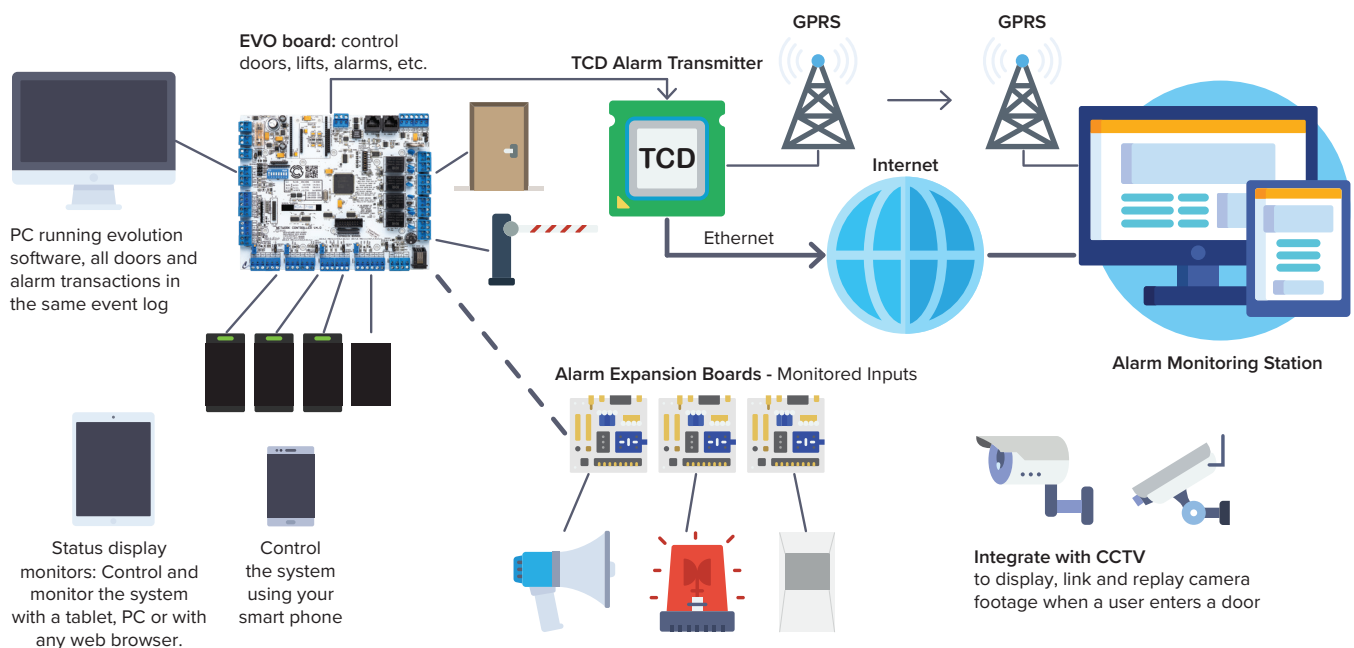
The Evolution Management software is designed to be the industry's most user-friendly management system, making building access control and security simple.

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.



Network Access Control

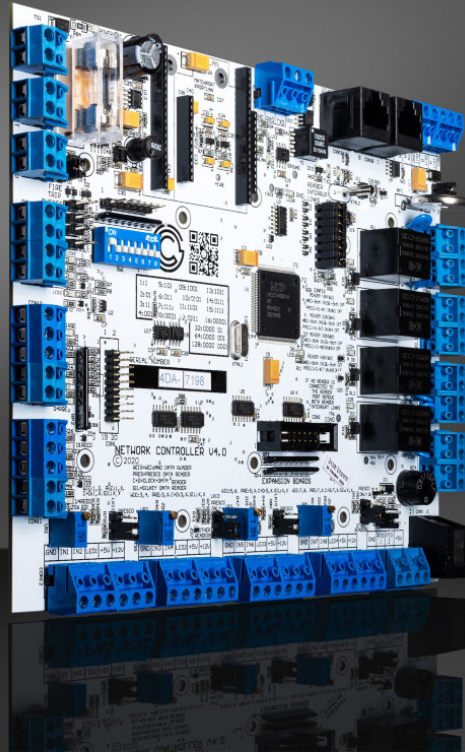
EVO4 & EVO2 Network Controllers

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

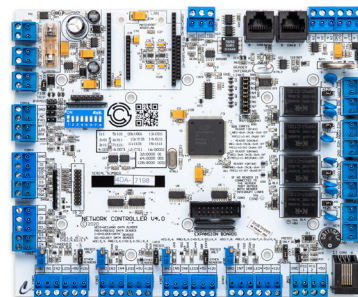


CS Technologies Evolution building access control system allows you to easily manage Users, Control Doors, Floors and Alarms & Generate System Reports.

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**



**UNLIMITED
SITE CODES**

*CAPACITY PER CONTROLLER

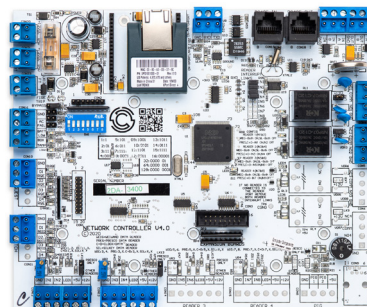
DOOR, LIFT & ALARM

**4 READERS
PER CONTROLLER**

CONTROL

**12,500
TRANSACTIONS**

2 DOOR | CSEVO2



**2000
USERS**



**UNLIMITED
SITE CODES**

*CAPACITY PER CONTROLLER

DOOR & ALARM

**2 READERS
PER CONTROLLER**

CONTROL

**1,000
TRANSACTIONS**

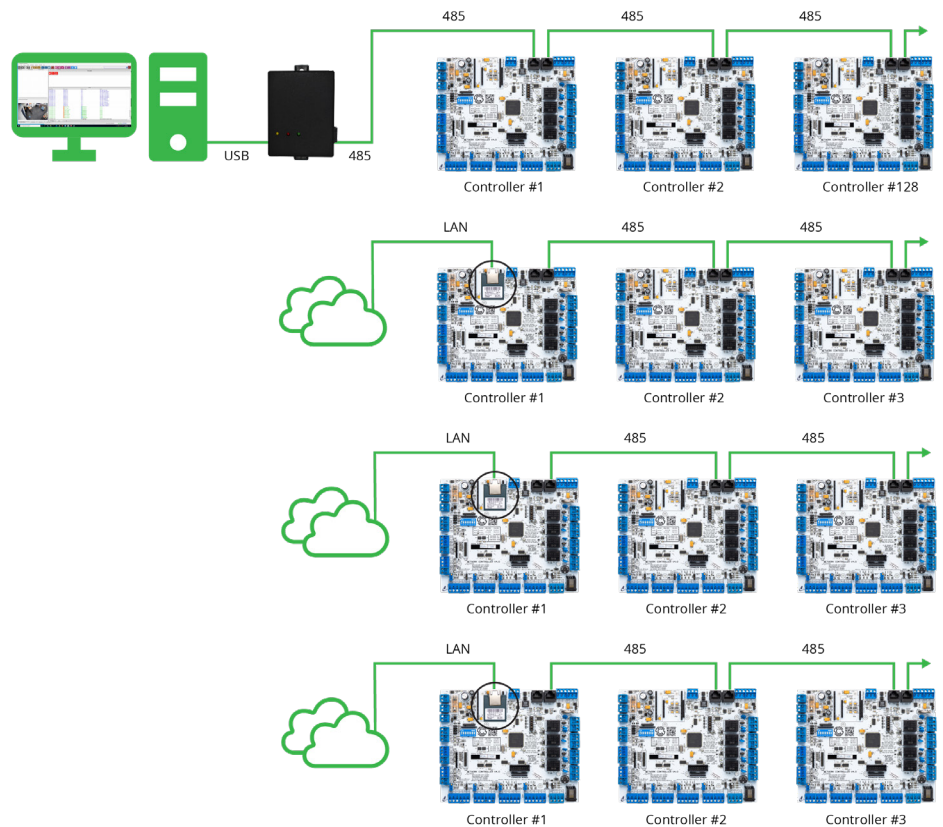


System Architecture

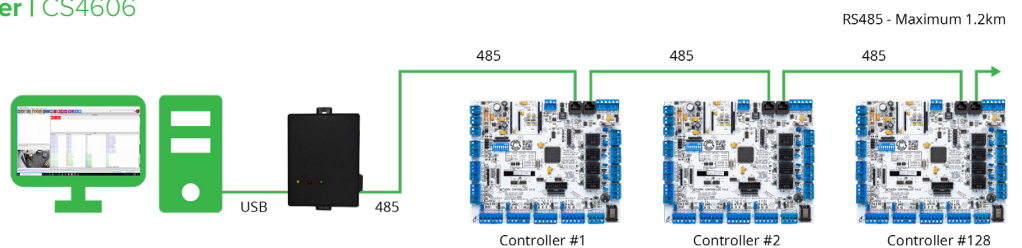
Up to 128 EVO2/4 controllers can be connected back to a programming PC running Evolution software to program and extract transactions from the controllers.

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.

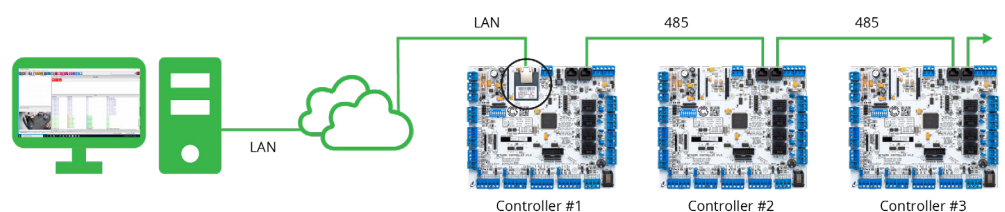


USB to RS485 Comms Converter | CS4606



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

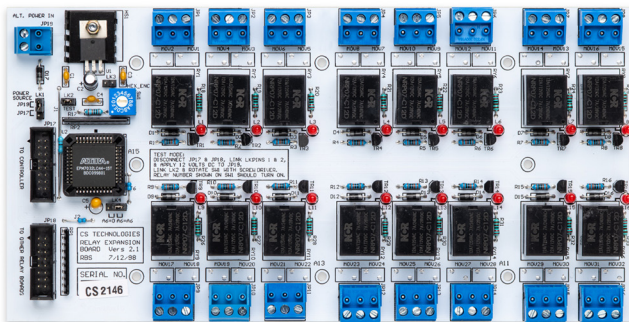
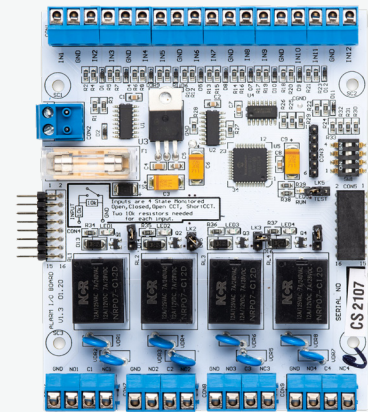


Expansion Boards

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 8x CS4270 expansion boards to each EVO controller
 - Total; 96 inputs and 32 relays
- Board can be mounted on top of EVO controller
- Connects to controller via ribbon cable

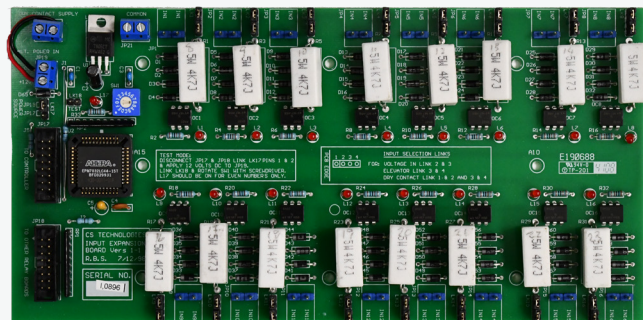


CS 16-Way Relay Expansion Board | CS4322

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

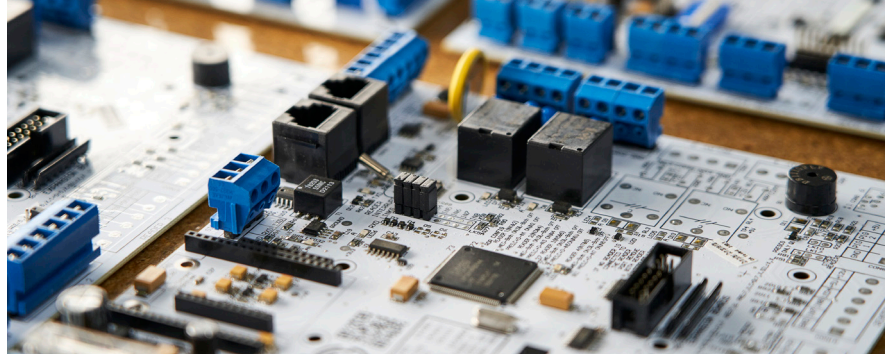
CS 16-Way Input Expansion Board | CS4323

- 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

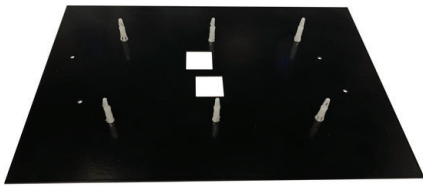


Enclosures

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
CS4763LA



- 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



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-programmed 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: Wiegand. 6 separate data channels
- Range: 100m (typically 30m indoors)
- Dimensions: 124 x 80 x 32mm
Includes mounting brackets





For more information, visit ↘

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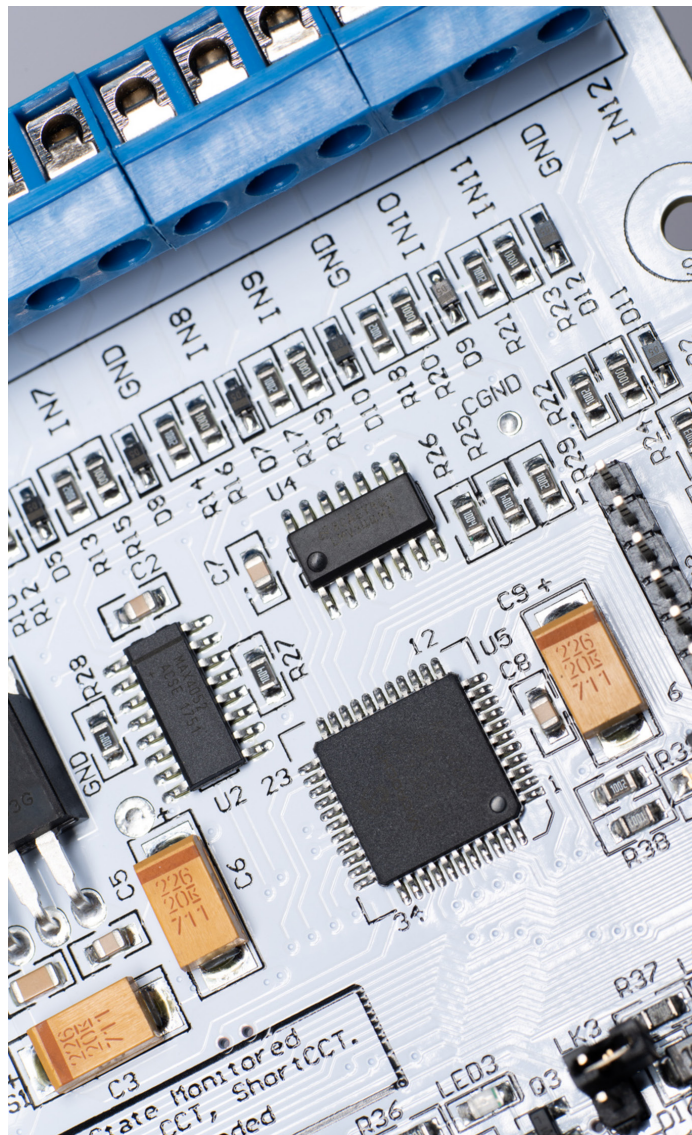
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