



CS ACE Wiegand - standalone

General

The CS Technologies ACE Wiegand access controller is a single door access controller which provides high security, easy programming and low-cost.

The access controller allows control of a single door using a reader with the industry-standard Wiegand interface. The door can have a reader (any Wiegand reader with a standard 26-bit output), an exit pushbutton and an electric release. Cards or keys are used at the reader and if authorised will be given access.

The readers compatible with the system include those manufactured by HID, Motorola, Keri and many other types of readers. The controller interfaces easily with door strikes and there is also a separate output provided for interfacing with an alarm system if required.

There are two versions of the controller – the standard version, with capacity for up to 4000 cards, and the extended version with capacity for 16000 cards. Cards can be easily individually added or deleted.

The system is programmed using a convenient low-cost keypad. All programming functions are password protected for security. Convenient commands allow rapid addition of single cards or blocks of cards for extremely fast commissioning.

Features

- Dedicated controller; easy programming.
- Easy installation
- Programming commands are password protected.
- Operates from 12VDC, which can also be used to power the locks.
- Programming commands available include
 - add user
 - delete user
 - bulk add users
 - bulk delete users
 - set trigger time for each of two relays
 - invert LED operation
 - set base address
- Very economical and reliable
- Works with any reader with a wiegand output, including literally hundreds of different readers including key, card, proximity and biometric readers.
- Capacity for 4000 cards (standard version) or 16000 cards (extended version), each individually coded. Cards can be programmed to either momentary or unlock/relock (toggle) functions for one or both relay outputs.
- Cards are numbered in a consecutive block with a programmable base address and a constant site code.



Specifications

Power supply:	12VDC
Current Consumption:	150mA maximum (not including door strikes)
Temperature range:	0°C to 70°C
Humidity range:	0 to 95% relative noncondensing
Dimensions:	Box: 86x66x30mm Board: 80x60x28mm
Shipping weight:	300g
Housing:	High impact ABS plastic box with bulkhead mounting lugs
Reader interfaces:	One 26-bit Wiegand interface Presco keypad interface for programming
Exit requests:	One normally open input which triggers both relays
Relay outputs:	Two 'form-c' relays rated at 10A/125VAC
Relay trigger time:	Relay 1: 1-128 seconds Relay 2: 1-255 seconds Relays can also be set to 0s which makes them change state (toggle) each time they are triggered.
User capacity:	4000 cards (standard) or 16000 cards (extended).



Defining the Future of Access Control

