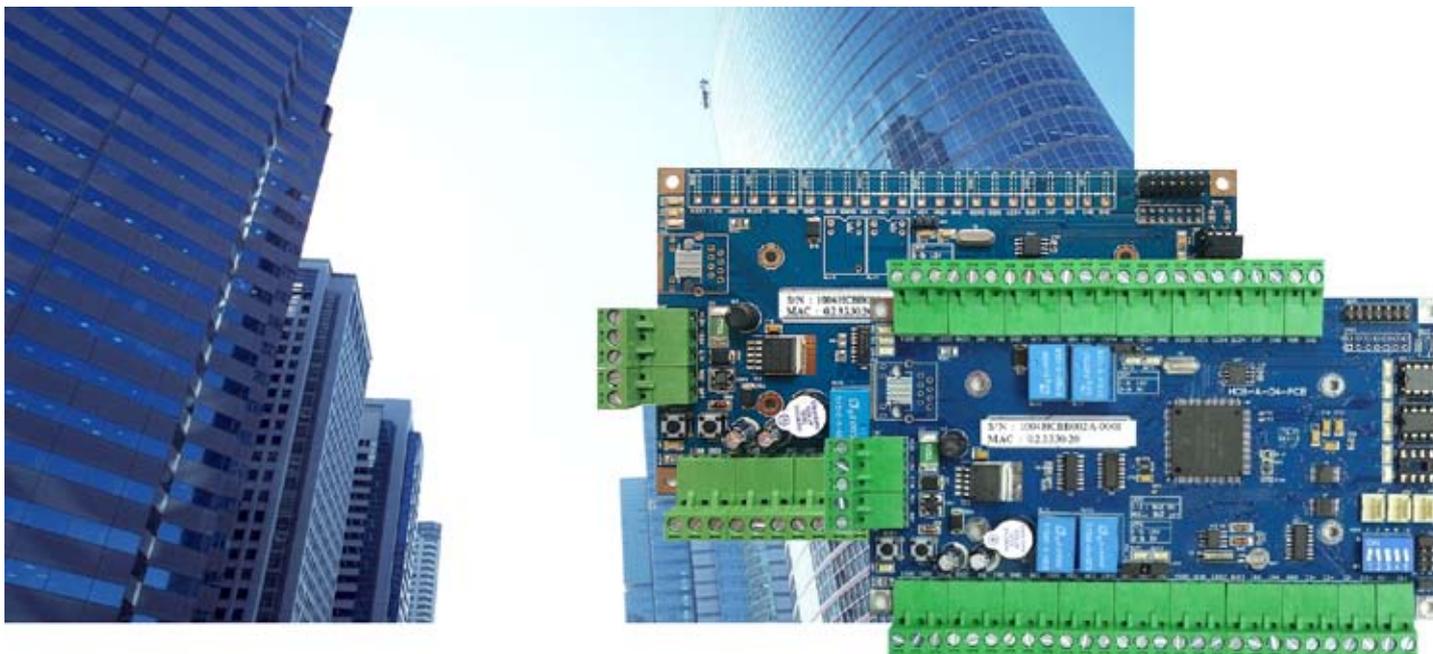


# SpeedGuard

Serial Connection Series

2/4 Doors Access Controllers



## Event Based Triggering

Event based triggers to support the initiation of specific tasks can be configured based on pre-set conditions. Event based triggers can include activating electronic displays e.g. "Carpark Full" or triggering CCTV recordings for surveillance.

## Reader Compatibility

SpeedGuard Serial Connection Series is compatible with over 90% of the readers in the market. Reader bit format can be configured during setup to ensure hassle free system upgrades and integration with existing equipment.

## Mixed Profile Operation

SpeedGuard Serial Connection Series can be integrated with a host of access control devices including electronic locks, carpark barriers, turnstiles, pedestrian barriers, etc. Each controller board can be used to manage a mix access control devices.

## Peer-to-Peer Global Anti-passback

Anti-passback enhances security as it prevents users from lending their access rights to others to gain entry. SpeedGuard Network Series features Peer-to-Peer Global Anti-passback at the controller level. This feature can be configured across multiple controllers.

## Dynamic Reader Location

Readers can be freely configured as "in" or "out" readers to facilitate queue management during peak hours. Especially useful when used with the Time Attendance feature, more readers can be programmed as "in" readers during clock in hours and switched to "out" readers during clock out hours to facilitate staff movement.

Available on AN2002-30K and AN4004-30K only

## Onboard and Cross-Board Interlocking

Commonly used for high security areas or clean rooms, interlocking doors are used in entrances which require a higher level of security or traffic control. Up to 6 interlocking doors across 2 controllers can be configured.

## User Counting

Useful for carpark traffic or crowd control, users can preset a limit for number of vehicles or people entering an area. The controller will automatically trigger an event or relay when the limit has been exceeded. Relays can include light and sound alerts or signage display such as "Carpark Full".

Available on AN2002-30K and AN4004-30K only

## Accessories



Certis 125Khz Proximity Reader  
Material code 80006295

Certis Mifare Proximity Reader  
Material code 80006402



Certis 125Khz Keypad Reader  
Material code 80006296

Certis Mifare Keypad Reader  
Material code 80006403



Certis IR Release Switch  
Material code 80006624

## SpeedGuard Serial Connection Series

Model Name	SC1002-3K	SC2002-30K	SC4004-30K
Number of controllable doors	2	2	4
Material Code	80007106	80007105	80007104
MCU	32bits @ 60Mhz		
Memory	256K Flash Memory 32K SRAM (Buffer) 64Mbits Non-Volatile SPI Flash Memory (Storage)		
Dynamic Storage Allocation	Not applicable	User configurable memory storage allocation for preset card holders and event storage database	
Card Holder	3,000	30,000	
Event Transaction	10,000	80,000	
Digital / Supervise Inputs	4 user configurable inputs for door sensors, request-to-exit, fire input and general applications		8 user configurable inputs for door sensors, request-to-exit, fire input and general applications
Digital Output	2 Dry Contact Relays	4 Dry Contact Relays	
Serial Communication Port	3 RS232/RS485 User configurable ports		
Power Protection	Resettable Fuse - 2.5A		
Surge Protection	TVS (Up to 15KVA)		
Onboard LED Control	Power / Communication / LAN / Event / Error		
Onboard Buzzer	1		
AC Fail Monitoring	Yes		
Battery Monitoring	Yes, with firmware threshold control to shutdown control panel		
External Short Circuit Protection	At readers		
Backup Battery	Yes, for RTC only		

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