

# SpeedGuard

Active Network Series

2/4 Doors Access Controllers



## Faster Data Transmission

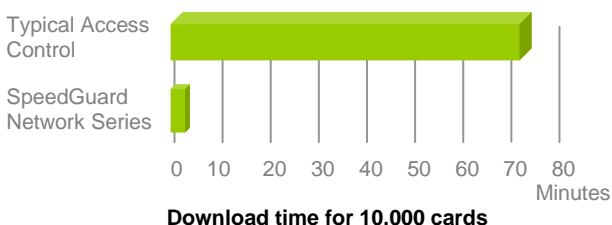
Instead of waiting for host-PC to poll, SpeedGuard Network Series actively transmits current event data to the host-PC as it happens to enable faster event notifications and response.

## Instant Search Results

With an optimised card searching algorithm, cards are authenticated within a fraction of a second, even when memory is full.

## Unparallel Download Speed

Exact data structures can be replicated rapidly, reducing installation and setup time.



## 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 without the need for the system to be online or the PC to be switched on 24/7.

## 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 Active Network Series

Model Name	AN1002-3K	AN2002-30K	AN4004-30K
Number of controllable doors	2	2	4
Material Code	80007102	80007100	80007101
MCU	32bits @ 60Mhz		
Memory	256K Flash Memory 32K SRAM (Buffer) 32Mbits Non-Volatile SPI Flash Memory (Storage)		
Dynamic Storage Allocation	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	
Access Levels	255	Unlimited	
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	
Network Communication Port	1 RJ-45 self-negotiate 10/100mbps		
Power Protection	Resettable Fuse - 2.5A		
Surge Protection	TVS (Up to 15KVA)		
Onboard LED Control	Power / Communication / LAN / Event / Error		
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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