

# EXcel<sup>4</sup>



## Networkable access control unit

A versatile, networkable access control unit, EXcel<sup>4</sup> is an extremely cost effective solution to the access control and integrated security requirements of today. It features supervised inputs and relays making it suitable for monitoring and signalling alarm conditions or for integration with intruder alarm and building management systems. It also has an in-built TCP/IP port as standard to allow connection to modern IT networks, simplifying installation and commissioning.

## SPECIFICATIONS

TDSi Part No.	5002-3092
Dimensions	390 x 410 x 90 mm
Weight	7.25 kg
Operating Environment	-5°C to +45°C, 0 to 95%RH (non-condensing)
Power Supply	Input: 100~240 Vac 50/60 HZ 2A max Output (mains power): 13.6 to 14 VDC Output (standby battery): 10.5 to 12.3 VDC Output current: 4 x 1A (individually fused) Electronic overload protection Recommended standby battery type: 1 x 7 Ah Sealed Lead Acid
Max Cards	18,000
Readers	Maximum of 4 using the majority of reader, keypad and biometric technologies including TDSi EXprox, Optica and those with standard clock & data, 26-bit Wiegand and HID standard 37-bit (H10302) output formats. For IR technology only compatible with TDSi Digital Infrared readers
Doors	1 or 2
Inputs	8 in total; 4 spare when used in 2 door mode for monitoring other equipment
Outputs	4 changeover relay outputs (30V, 2A contact rating) in total; 2 spare when used in 2 door mode for controlling other equipment
Time groups	64
Anti-passback	Timed and true
Mantrap function	Yes
Communications	RS-232, RS-485, Ethernet (TCP/IP)

## ORDERING INFORMATION

**Part Number: 5002-3092**

**Description:** EXcel<sup>4</sup> 4 door access control unit

**Part Number: 5002-1480**

**Description:** EXpack<sup>4</sup> starter kit

## FEATURES & BENEFITS

### 18,000 card capacity

Large number of cards can be loaded. Suitable for the majority of system sizes.

### 4 reader, 1 to 4 door controller

Complete control for up to 4 doors.

### Main reader output formats supported

Allows retrospective fitting to existing systems.

### 4 A mains power supply unit

Power for the door controller, readers and locks. No need to purchase a separate power supply.

### Standby battery facility

Allows the system to continue to operate in the event of power failure.

### Anti-passback control

Prevents the same card to be used twice to access an area enhancing security.

### 1,000 event buffer

Continues to operate and store events even with the loss of communications. Ensures disruption-free operation.

### Compatible with EXgarde PRO and EXgarde eXpress PC software

Offers a choice of PC software for use with these controllers.

### Robust enclosure design

Provides protection against impact.

### Integral tamper switch

Alerts to the case cover being removed further enhancing security.

### Supervised inputs

Provides tamper protection for inputs.

### High capacity Form C changeover relays

Allows the door locks to be wired as fail safe or fail secure.

### Integral TCP/IP port

Simplifies installation and commissioning.

### 3 year warranty

Complete peace of mind.

### Available as a starter kit-EXpack<sup>2</sup>

Provides everything you need to get you started – EXcel<sup>4</sup> controller, 4 EXprox readers and 50 cards.



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