

EXcel² Controller



Networkable access control unit

A versatile, networkable access control unit, EXcel² 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.

Key Features

- 23000 card capacity
- 2 reader, 1 to 2 door controller
- Main reader output formats supported
- 3A mains power supply unit
- Standby battery facility
- Anti-Passback control
- 1,000 event buffer
- Compatible with EXgarde PC software
- Robust enclosure design
- Integral tamper switch
- Supervised inputs
- High capacity Form C changeover relays
- 3 year warranty.
- Available as a starter kit – EXpack²



Ordering Information

Part Number: 5002-3082

Description: EXcel² 2 door access control unit

Part Number: 5002-1476

Description: EXpack² starter kit

EXcel² Controller



Specification	
TDSi Part No.	5002-3082
Dimensions	390 x 410 x 90 mm
Weight	7.25kg
Operating Enviroment	-5°C to + 45°C, 0 to 95%RH (non-condensing)
Power	
Input	230Vac +10% -15%, 50Hz ± 15% (0.45A MAX)
Output	13.8Vdc (Nominal) (3A Max) 4 X 1A (individually fused)*
Battery	10.5 to 12.3Vdc 1 x 7Ah Sealed lead Acid (optional)
Features	
Max Cards	23000
Doors	1 or 2
Readers	Maximum of 2 using the majority of reader, keypad and biometric technologies including those with standard clock & data, 26-bit Wiegand and HID standard 37-bit (H10302) output formats.
Inputs	8 in total; 6 spare when used in 1 door mode or 4 spare when used in 2 door mode for monitoring other equipment.
Outputs	4 changeover relay outputs (30V, 2A contact rating) in total; 3 spare when used in 1 door mode or 2 spare when used in 2 door mode for controlling other equipment.
Time groups	64
Anti-passback	Timed and true
Mantrap function	Yes
Communications	RS232, RS485

* Up to PSU total current limit

Typical installation

