

EXcel⁴ Controller



Networkable access control unit

A versatile, networkable access control unit, EXcel⁴ 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.

Key Features

- 37000 card capacity
- 4 reader, 1 to 4 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
- Integral TCP/IP port
- 3 year warranty.
- Available as a starter kit – EXpack⁴



Ordering Information

Part Number: 5002-3092

Description: EXcel⁴ 4 door access control unit

Part Number: 5002-1480

Description: EXpack⁴ starter kit

Specification	
TDSi Part No.	5002-3092
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	100~240 Vac 50/60HZ (2A 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	37000
Doors	1,2,3 or 4
Readers	Maximum of 4 using the majority of reader, keypad and biometric technologies including TDSi-R readers and those with standard clock & data, 26-bit Wiegand and HID standard 37-bit (H10302) output formats. For IR technology only compatable with TDSi Digital Infrared readers.
Outputs	4 Changeover relay outputs (30V, 2A contact rating) 2 spare when used in 2 door mode for controlling other equipment
Inputs	8 in total; 6 spare when used in 1 door mode, 4 spare when used in 2 door mode, 2 spare when used in 3 door mode for monitoring other equipment.
Time groups	64
Anti-passback	Timed and true
Mantrap function	Yes
Communications	RS232, RS485, Ethernet (TCP/IP)

* Up to PSU total current limit

Typical installation

