

EXpert⁴ Controller



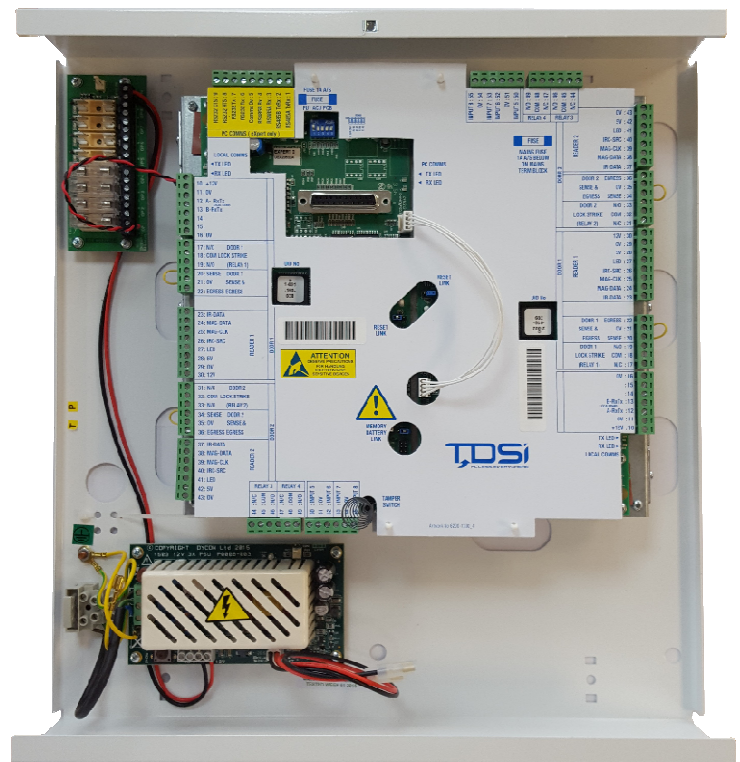
Networkable access control unit

A fully featured, networkable access control unit, the EXpert⁴ boasts a high specification with supervised inputs and relays making it suitable for monitoring and signalling alarm conditions or for integration with intruder alarm and Building Management Systems.

The expansion capabilities of this controller makes for good versatility and enables the access control system to be easily added to at a later date. EXpert⁴ is the ideal platform for those who demand the most from an access control system.

Key Features

- 36000 card capacity
- 4 reader, 2, 3 or 4 door controller
- Main reader output formats supported
- 3A mains power supply unit
- Standby battery facility
- Fully compatible with EXpert² — each cluster can give control of up to 16 doors
- Local programming using EXkeypad accessory
- 1,000 event buffer
- Compatible with EXgarde PC software
- Robust enclosure design
- Integral tamper switch
- Supervised inputs
- High capacity Form C changeover relays
- Available with integral TCP/IP port
- 3 year warranty.



Ordering Information

Part Number: 5002-3022

Description: EXpert⁴ advanced 4 door access control unit

Part Number: 5002-3032

Description: EXpert⁴ IP advanced 4 door access control unit with TCP/IP connectivity

Part Number: 5002-2070

Description: EXkeypad Programmer

W: www.tdsi.co.uk **T:** 01202 723 535 **E:** sales@tdsi.co.uk



EXpert⁴ Controller



Specification	
TDSi Part No.	5002-3022
Dimensions	390 x 410 x 90 mm
Weight	7.5kg
Operating Enviroment	-5°C to + 45°C, 0 to 95%RH (non-condensing)
Power	
Input	230 Vac +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	36000
Doors	2,3 or 4
Readers	Maximum of 4 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	16 in total; <i>12 spare when used in 2 door mode or 8 spare when used in 4 door mode for monitoring other equipment. Can be increased with the use of EXpert2 and EXin/EXout module</i>
Outputs	8 changeover relay outputs (30V, 2A contact rating) in total; 6 spare when used in 2 door mode or 4 spare when used in 4 door mode for controlling other equipment. Can be increased with the use of EXpert2 and EXin/EXout module
Time groups	64
Anti-passback	Timed and true
Mantrap function	Yes
Communications	RS232, RS485, Ethernet (TCP/IP) with in-built RS-485 converter for up to 30 downstream controllers (EXpert2 IP model only)

* Up to PSU total current limit

Typical installation

