



Networkable access control unit

A fully featured, networkable access control unit, the eXpert² 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. eXpert² is the ideal platform for those who demand the most from an access control system.

Features of the eXpert² unit

- 48000 card capacity
- 2 reader, 1 or 2 door controller
- Main reader output formats supported
- Dual isolated linear power supplies with back-up battery capability
- Fully expandable - up to 7 eXpert² slaves per master giving control of up to 16 doors
- Local programming using eX keypad accessory
- Compatible with eXguard PRO PC software
- Robust enclosure design
- Integral tamper switch



Benefits of eXpert² controller

- 3 year warranty
- Flexible controller configuration allows additional doors and I/O to be added as required
- Ample space inside allow for easy installation
- Installer friendly features such as cable screen spring reduces installation time
- Optional TCP/IP port simplifies installation and commissioning
- Operates in stand-alone mode in the event of lost communications; system integrity is maintained
- Full functionality is maintained during parameter upload resulting in disruption-free operation

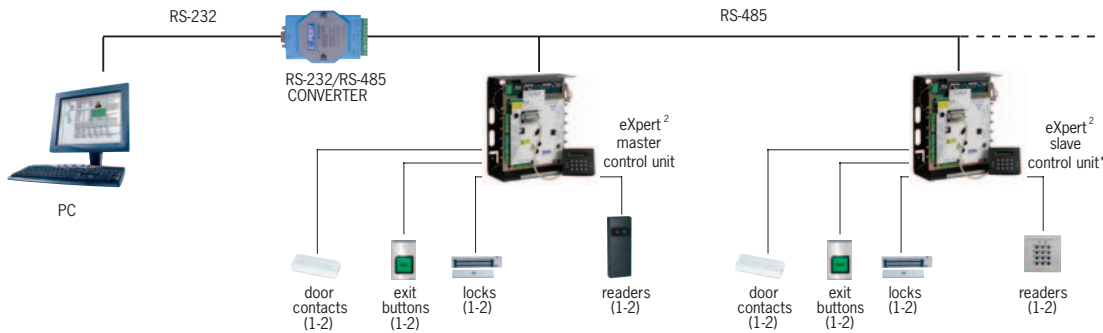
eXpert²



w: tdsi.co.uk
e: sales@tdsi.co.uk
t: +44(0)1202 666222



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* See data sheet DS008 for details of eXpert² expansion options

Technical Data

Dimensions	380 x 320 x 140 mm
Weight	7.2 kg
Operating environment	-5°C to +45°C, 0 to 95%RH (non-condensing)
Power supply	Input: 220 to 240 VAC, 80VA Output: 12 VDC, 2 x 1A
Max cards	48000 when used in 2 door mode
Readers	Maximum of 2 using the majority of reader, keypad and biometric technologies including TDSi Microcard, eXprox, Optica® and those with standard clock & data, Wiegand and HID standard 37-bit (H10302) output formats
Doors	1 or 2
Inputs	8 in total; 2 used per installed door, the remaining spare inputs for monitoring other equipment; can be increased with the use of eXin/eXout module
Outputs	4 changeover relay outputs (30V, 2A contact rating) in total; 1 used per door for lock strike, the remaining spare outputs for controlling other equipment; can be increased with the use of eXin/eXout module
Communications ports	RS-232, RS-485, Ethernet (TCP/IP) with in-built RS-485 converter for up to 30 downstream controllers (eXpert ² IP model only)

Ordering Information

Part Number:	Product Description:
5002-3002	eXpert ² advanced 2 door access control unit
5002-3012	eXpert ² IP advanced 2 door access control unit with TCP/IP port
5002-3042	eXpert ² slave control unit



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t: +44(0)1202 666222