

EXpert²



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.

SPECIFICATIONS

TDSi Part No.	5002-3002/2005-3012
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 Keys	16,000
Max Events	65,535
Readers	Maximum of 2 using the majority of reader, keypad and biometric technologies including TDSi Microcard, EXprox, Optica and those with standard clock & data, 26-bit Wiegand and HID standard 37-bit (H10302) output formats
Doors	1 or 2
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. Can be increased with the use of eXin/eXout module
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. Can be increased with the use of eXin/eXout module
Time groups	64
Anti-passback	Timed and true
Mantrap function	Yes
Communications	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: 5002-3002

Description: EXpert² advanced 2 door access control unit

Part Number: 5002-3012

Description: EXpert² IP advanced 2 door access control unit with TCP/IP port

Part Number: 5002-3042

Description: EXpert² slave control unit

Part Number: 5002-2070

Description: EXkeypad Programmer

Part Number: 5002-3060

Description: 32 input 16 output card for EXpert

Part Number: 5002-3063

Description: EXpander² 2 door expansion module for EXpert.

FEATURES & BENEFITS

Up to 16,000 key capacity

Large number of keys can be loaded. Suitable for medium to large systems.

2 reader, 1 or 2 door controller

Complete control for up to 2 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.

Fully expandable—up to 7 EXpert² slave units per master giving control of up to 16 doors

Offers complete flexibility. System can be built on dependant on requirements.

Optional 32 input, 16 output module

Use EXpert2 for applications such as lift control, alarm management and interfacing to intruder and fire panels.

Local programming using eXkeypad accessory

Program and control the system without the need for PC communications.

1,000 event buffer

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

Compatible with EXgarde PRO PC software

Realise the full potential of your access control system with this advanced, feature rich PC software.

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.

Available with integral TCP/IP port

Simplifies installation and commissioning

3 year warranty

Complete peace of mind.



TDSi UK
Unit 10 Concept Park,
Innovation Close,
Poole,
Dorset BH12 4QT
United Kingdom
t: +44 (0)1202 723535
f: +44 (0)1202 724975
e: sales@tdsi.co.uk

TDSi France
Immeuble ATRIA,
2 rue du Centre,
93160 NOISY LE GRAND,
France
t: +33 (0)1 58 84 20 90
f: +33 (0)1 58 84 20 91
e: infos@tdsi-france.com

TDSi China
Rm 103, 1 Bld,
Shangsha Innovation Science
& Technology Park,
9283 Binhai Road,
Futian District,
Shenzhen 518048,
P.R.China
t: 86-755-82535725,
82535720
f: 86-755-82535770
e: tdsinfo@microgarde.com.cn