

## EXpert<sup>2</sup> IP Controller

### Networkable Access Control Unit

A fully featured, networkable access control unit - the EXpert<sup>2</sup> boasts a high specification with supervised inputs and relays, making it suitable for monitoring and signalling alarm conditions as well as integration with intruder alarms and Building Management Systems.

The expansion capabilities of this controller make it highly versatile and enables the access control system to be easily added to at a later date. The EXpert<sup>2</sup> is the ideal platform for those who demand the most from an access control system.

### Key Features

- 47000 card capacity
- 2 reader, 1 or 2 door controller
- Main reader output formats supported
- 4A mains power supply unit
- Standby battery facility
- Fully expandable - up to 7 EXpert<sup>2</sup> slave units per master giving control of up to 16 doors
- Optional 32 input, 16 output module
- Local programming using EXkeypad accessory
- 1,000 event buffer
- Compatible with EXgarde PC software
- Robust enclosure design
- Integrated tamper switch
- Supports supervised inputs
- High capacity Form C change-over relays
- Available with integral TCP/IP port
- 3-year warranty



### Ordering Information

#### Part No. 5002-3012

Description: EXpert<sup>2</sup> IP advanced 2 door access control unit with TCP/IP port.

#### Part No. 5002-3042

Description: EXpert<sup>2</sup> slave control unit.

#### Part No. 5002-2070

Description: EXkeypad Programmer.

#### Part No. 5002-3060

Description: 32 input 16 output card for EXpert.

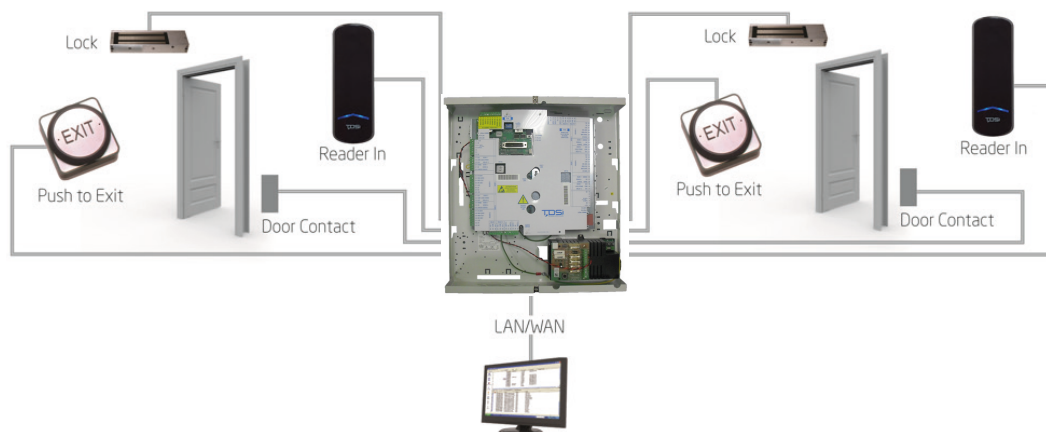
#### Part No. 5002-3063

Description: EXpander<sup>2</sup> 2 door expansion module for EXpert.

## Specification

TDSi Part No.	5002-3012
Dimensions	390 x 410 x 90 mm
Weight	5.7kg
Operating Environment	-5°C to + 45°C, 0 to 95% RH (non-condensing)
<b>Power</b>	
Input	100 - 240Vac, 50 - 60Hz, 1.8A Max
Output	13.8Vdc (Nominal) (4A Max)
Battery	10.5 to 12.3Vdc, 1 x 7Ah Sealed lead acid (optional)
<b>Features</b>	
Max Cards	47000
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. Can be increased with the use of EXpert <sup>2</sup> and 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 EXpert <sup>2</sup> 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)

## Typical installation



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