

EXpert² IP Controller

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 as well as integration with intruder alarms and Building Management Systems.

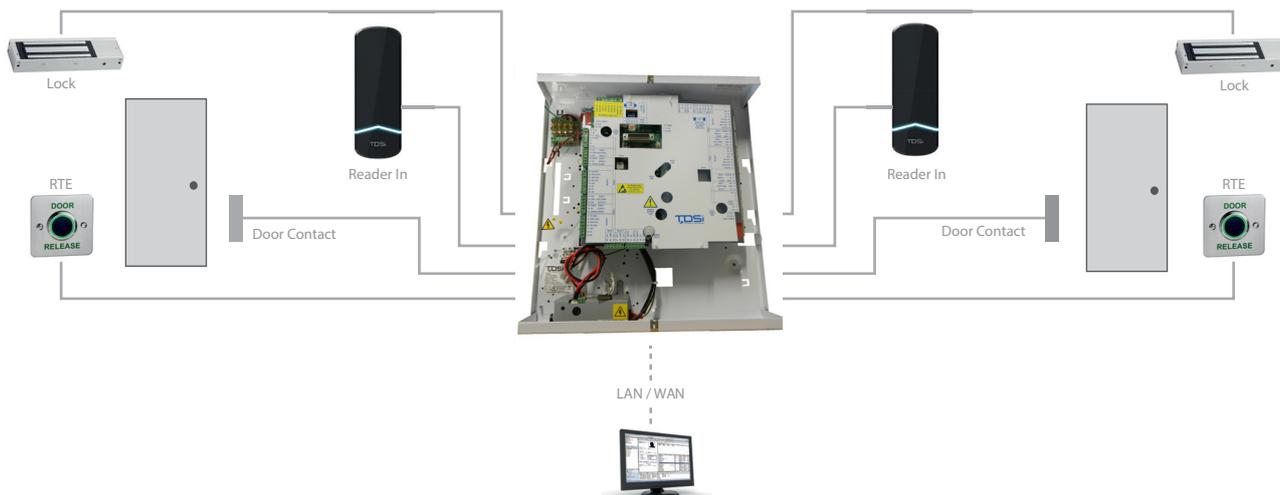
The expansion capabilities of this controller make it highly versatile and enables the access control system to be easily added to at a later date. The EXpert² is the ideal platform for those who demand the most from an access control system.

Features

- 47,000 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 EXpert² 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 / GARDiS Software
- Robust enclosure design
- Integrated tamper switch
- Supports supervised inputs
- High capacity Form C change-over relays
- Integral TCP/IP port
- 3-year warranty



Typical Installation Example



Specification

	EXpert2
TDSi Part No.	5002-3012
Dimensions	390 x 410 x 90 mm
Weight	5.7 kg
Operating Environment	-5°C to + 45°C, 0 - 95% relative humidity (non-condensing)
Power	
Input	100-240 Vac, 50-60Hz, 1.8A max
Output	13.8Vdc (Nominal) (4A Max)
Battery	10.5 to 12.3Vdc 1 x 7Ah Sealed lead acid (optional)
Features	
Max Credentials	47,000
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 ² 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 ² and EXin/EXout.
Time Groups	64
Anti-Passback	Timed and true
Mantrap Function	Yes
Communications	RS232, RS485, Ethernet (TCP/IP) with built-in RS485 convertor for up to 30 downstream controllers (EXpert ² IP Model Only)

Ordering Information

EXpert2 IP		
EXpert2 IP	2 Reader Master Door Control Panel with Power Supply Unit & TCP/IP	5002-3012
EXpert2 Slave	Door Control Panel for 2 Readers with Power Supply Unit	5002-3042
EXpander2	EXpert Slave PCB for 2 Readers + Fixing Kit (for use with EXpert ACU's)	5002-3063
EXIN/OUT	32 Inputs, 16 Output for use with EXpert Door Control Panels Only	5002-3060
EXOUT	32 Dry Contact Relay Outputs	5002-3062
EXkeypad	Local Programming Keypad for EXpert Door Control Panels Only	5002-2070

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