



# Networkable access control unit

A versatile, networkable access control unit, eXcel<sup>2</sup> is an extremely cost effective solution to the access control and integrated security requirements of today. It features supervised inputs and relays making it suitable for monitoring and signalling alarm conditions or for integration with intruder alarm and building management systems.



## Features of the eXcel<sup>2</sup> controller

### Features

- 24,000 card capacity
- 2 reader, 1 or 2 door controller
- Main reader output formats supported
- 3 A mains power supply unit
- Standby battery facility
- Anti-passback control
- 1,000 event buffer
- Compatible with eXguard PRO and eXguard eXpress PC software
- Robust enclosure design
- Integral tamper switch
- Supervised inputs
- High capacity Form C changeover relays
- 3 year warranty
- Available as a starter kit—eXpack<sup>2</sup>

### Benefits

- Large number of cards can be loaded. Suitable for the majority of system sizes
- Complete control for up to 2 doors
- Allows retrospective fitting to existing systems
- Power for the door controller, readers and locks. No need to purchase a separate power supply
- Allows the system to continue to operate in the event of power failure
- Prevents the same card to be used twice to access an area enhancing security
- Continues to operate and store events even with the loss of communications. Ensures disruption-free operation
- Offers a choice of PC software for use with these controllers
- Provides protection against impact
- Alerts to the case cover being removed further enhancing security
- Provides tamper protection for inputs
- Allows the door locks to be wired as fail safe or fail secure
- Complete piece of mind
- Provides everything you need to get you started— eXcel<sup>2</sup> controller, 2 eXprox readers and 50 cards.

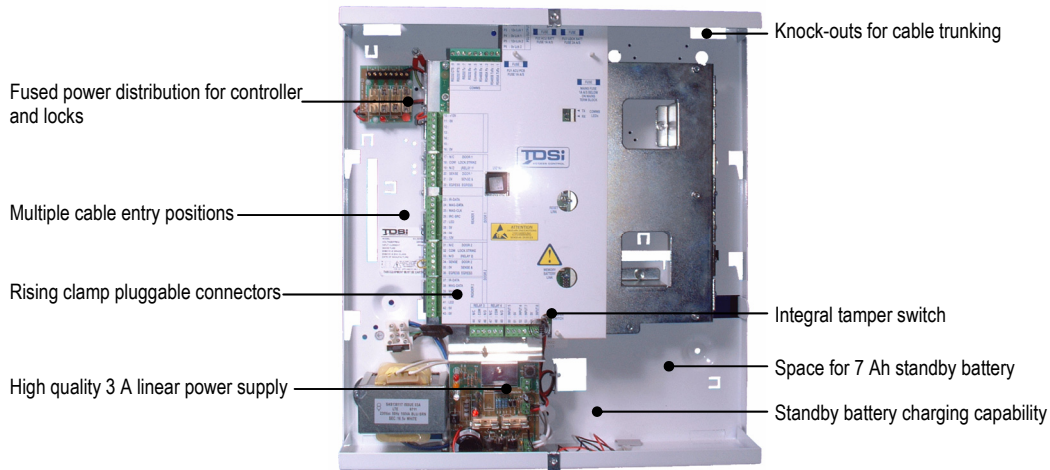
eXcel<sup>2</sup>



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## Technical Data

<b>Dimensions</b>	390 x 410 x 90 mm
<b>Weight</b>	7.25 kg
<b>Operating Environment</b>	-5°C to +45°C, 0 to 95%RH (non-condensing)
<b>Power Supply</b>	Input: 230 Vac nominal +10 %/-15 % Output (mains power): 13.6 to 14 VDC Output (standby battery): 10.5 to 12.3 VDC Output current: 3 x 1A (individually fused) Electronic overload protection Recommended standby battery type: 1 x 7 Ah Sealed Lead Acid
<b>Max Cards</b>	18,000
<b>Readers</b>	Maximum of 2 using the majority of reader, keypad and biometric technologies including TDSi eXprox, Optica and those with standard clock & data, Wiegand and HID standard 37-bit (H10302) output formats
<b>Doors</b>	1 or 2
<b>Inputs</b>	8 in total; 6 spare when used in 1 door mode or 3 spare when used in 2 door mode for monitoring other equipment.
<b>Outputs</b>	4 changeover relay outputs (30V, 2A contact rating) in total; 4 spare when used in 1 door mode or 2 spare when used in 2 door mode for controlling other equipment.
<b>Time groups</b>	64
<b>Anti-passback</b>	Timed and true
<b>Mantrap function</b>	Yes
<b>Communications</b>	RS-232, RS-485

## Ordering Information

<b>Part Number:</b>	<b>Description:</b>
5002-3082	eXcel <sup>2</sup> 2 door access control unit
5002-1476	eXpack <sup>2</sup> starter kit

# eXcel<sup>2</sup>



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