

MICROgarde® II



2 door / 4 reader controller

MICROgarde® II is a cost effective networked access control unit giving the advantages of central control and event reporting.

Each controller can run independently or as part of a network. MICROgarde® is also available as a starter kits providing an easy way of ordering the essential items for your installation—simply add the power supply and door furniture.

SPECIFICATIONS

TDSi Part No.	5002-1800/5002-1802
Dimensions	210 x 135 x 47 mm (without PSU) 346 x 280 x 85 mm (with PSU)
Weight	600 g (without PSU), 4.9kg (with PSU)
Operating Environment	-5°C to +45°C, 0 to 95%RH (non-condensing)
Power Supply	Input: 10 to 14 VDC, 1 A (without PSU) 220 to 240 VDC, 80 VA (with PSU)
Max Cards	5,000 when used with MICROgarde PC software 10,000 when used with EXgarde PRO PC software
Readers	Maximum of 4 readers using TDSi Exprox, Optica® and Digital Microcard readers when used in a read-in read-out configuration. Alternatively 2 readers equipped with industry standard clock & data (ABA track 2 emulation), 26-bit Wiegand and HID standard 37-bit (H10302) output formats.
Doors	0, 1 or 2
Inputs	4 in total; 2 used per installed door
Outputs	2 (30 V, 2 A rating) in total; 1 used per installed door
Expansion options	Changeover relay module adds 2 additional relay outputs and 4 additional inputs
Communications	RS-232 with built-in converter to RS-485 for downstream units

ORDERING INFORMATION

Part Number: 5002-1800
Description: MICROgarde® II (standard without power supply)

Part Number: 5002-1806
Description: MICROgarde® II IP with 2A power supply

Part Number: 5002-1805
Description: MICROgarde® II Starter Kit–English

Part Number: 5002-1815
Description: MICROgarde® II Starter Kit–French

Part Number: 5002-1825
Description: MICROgarde® II Starter Kit–Spanish

Part Number: 5002-1835
Description: MICROgarde® II Starter Kit–Italian

Part Number: 5002-1813
Description: MICROgarde® RS-232 communications cable

Part Number: 5002-1811
Description: MICROgarde® I/O module upgrade kit

Part Number: 5002-1812
Description: MICROgarde® TCP/IP module upgrade kit

Part Number: 4220-1800
Description: MICROgarde® software CD Rom

FEATURES & BENEFITS

Two door networkable access control unit. Up to 400 doors can be controlled in the same network

Allows easy system expansion.

Use TDSi or third-party readers

Allows retrospective fitting to existing systems.

Impact resistant ABS enclosure with Tamper detection

Immediate warning if the case is opened.

Built in RS-232/RS-485 converter

No need to carry and install a separate converter.

Reversible 2-wire RS-485 communication

Easy to install and maintain.

Variable lock times

Ensures DDA compliance.

Diagnostic LEDs

Simplifies commissioning.

Additional I/O and TCP modules available

Enables system integration and complete flexibility.

Automatic fire door release

Automatic control of selected doors in the event of a fire¹.

Full compatibility with EXgarde PRO

Easy upgrade path for enhanced functionality and further systems integration.

Order with intuitive free software

No need for training.

¹Fire door release feature is not to be used as the primary method of releasing fire doors.

STARTER KIT

- 1 MICROgarde® II controller
- 2 EXprox proximity readers
- 1 RS-232 cable
- 10 proximity cards
- 1 CD-ROM containing PC software
- Fixing kits



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