

MICROgarde® I



1 door / 2 reader controller

MICROgarde® I 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 kit providing an easy way of ordering the essential items for your installation—simply add the power supply and door furniture.

SPECIFICATIONS

TDSi Part No.	5002-1900/5002-1906
Dimensions	210 x 135 x 47 mm (without PSU) 346 x 280 x 85 mm (with PSU)
Weight	600 g (without PSU), 4.9 kg (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 VAC, 80 VA. (with PSU)
Max Cards	5,000 when used with MICROgarde PC software 10,000 when used with EXgarde PRO PC software
Readers	2 readers with industry standard clock & data (ABA track 2 emulation), Wiegand and HID standard 37-bit (H10302) output formats. Support for TDSi Digital IR card readers
Doors	0 or 1
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: 5002-1900

Description: MICROgarde® I (standard – without power supply)

Part Number: 5002-1906

Description: MICROgarde® I (with 2 A power supply)

Part Number: 5002-1910

Description: MICROgarde® I Starter Kit

Part Number: 5002-1811

Description: MICROgarde® I I/O module upgrade kit

Part Number: 5002-1812

Description: MICROgarde® I TCP/IP module upgrade kit

Part Number: 5002-1813

Description: MICROgarde® RS-232 communications cable

Part Number: 4220-1800

Description: MICROgarde® software CD ROM

FEATURES & BENEFITS

One door networkable access control unit for up to 200 doors

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® I controller
- 1 EXprox proximity reader
- 1 RS-232 cable
- 10 proximity cards
- 1 CD-ROM containing PC software
- Fixing kits



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