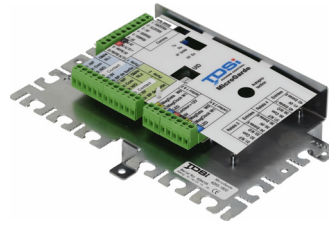




2 door / 4 reader controller



MicroGarde® II is a cost effective networked access control unit complete with free software. This gives the advantages of central control and event reporting. Each controller can run independently or as part of a network. MicroGarde is also available as starter kits providing an easy way of ordering the essential items for your installation—simply add the power supply and door furniture.



Overview of MicroGarde® II controller

Features

- Two door networkable access control unit. Up to 400 doors can be controlled in the same network
- Use TDSi or third-party readers
- Impact resistant ABS enclosure with tamper detection
- Built in RS-232/RS-485 converter
- Reversible 2-wire RS-485 communication
- Variable lock times
- Diagnostic LEDs
- Additional I/O and TCP modules available
- Automatic fire door release
- Full compatibility with eXguard PRO
- Supplied complete with intuitive software

Benefits

- Allows easy system expansion
- Allows retrospective fitting to existing systems
- Immediate warning if the case is opened
- No need to carry and install a separate converter
- Easy to install and maintain
- Ensures DDA compliance
- Simplifies commissioning
- Enables system integration and complete flexibility
- Automatic control of selected doors in the event of a fire¹
- Easy upgrade path for enhanced functionality and further systems integration
- No need for training

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

MicroGarde® I Starter Kit comprises:

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



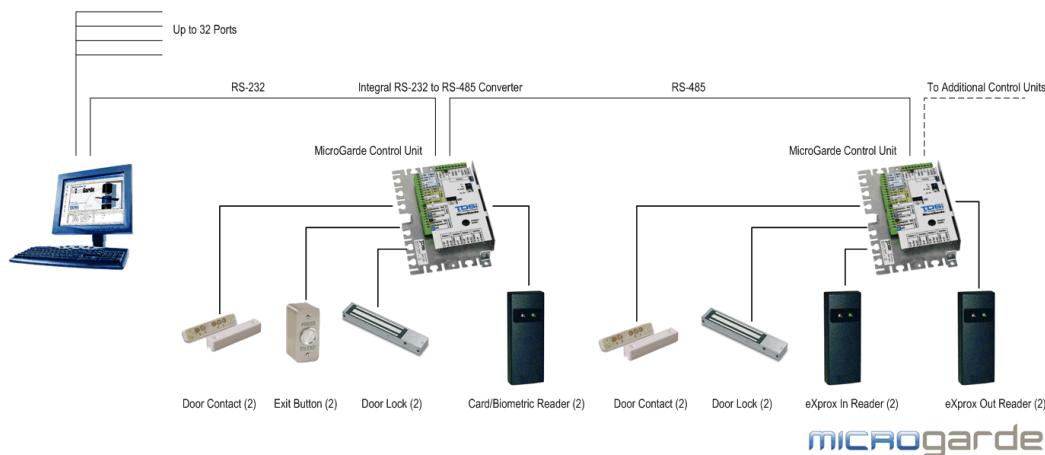
MicroGarde® II



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2 door / 4 reader controller



Technical Data

Dimensions	210 x 135 x 47 mm
Weight	600 g
Operating environment	-5 °C to +50 °C, 0 to 95 %RH (non-condensing)
Power supply	Input: 10 to 14 VDC, 1 A
Cards	5,000 ²
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), 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, CAT V cable (screened or un-screened), optional TCP/IP module (10/100 Mbps Ethernet port)

²when used in 2 door/2 reader mode

Ordering Information

Part Number:	Product Description:
5002-1800	MicroGarde® II Door Controller
5002-1805	MicroGarde® II Starter Kit—English
5002-1815	MicroGarde® II Starter Kit—French
5002-1825	MicroGarde® II Starter Kit—Spanish
5002-1835	MicroGarde® II Starter Kit—Italian

MicroGarde® II



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