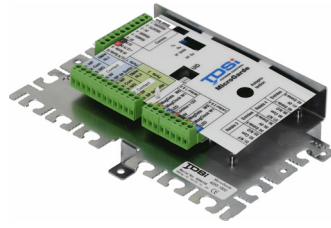




# 1 door / 2 reader controller



MicroGarde® I 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® I controller

### Features

- One door networkable access control unit for up to 200 doors
- 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 fire<sup>1</sup>
- Easy upgrade path for enhanced functionality and further systems integration
- No need for training

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

### MicroGarde® I Starter Kit comprises:

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



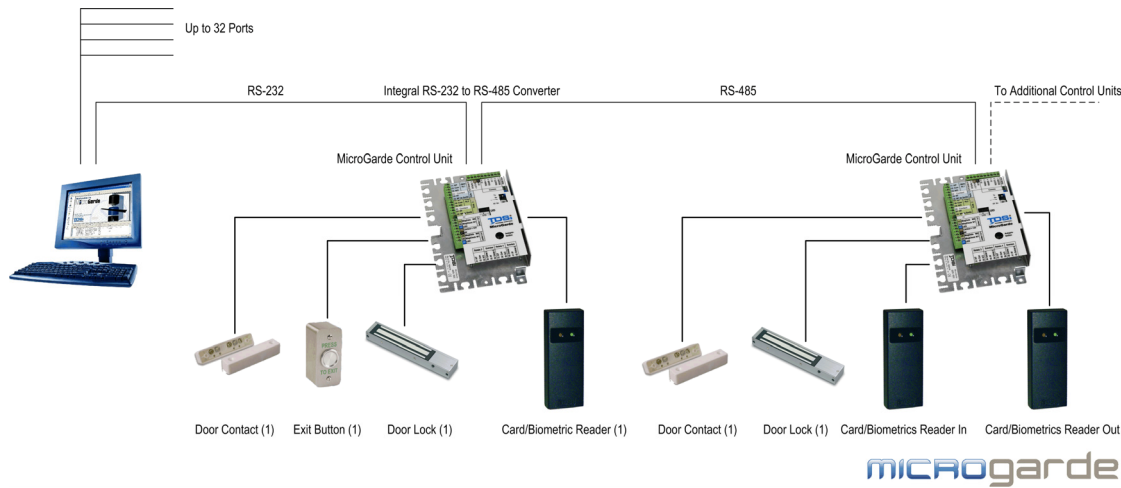
# MicroGarde® I



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# 1 door / 2 reader controller



MICROgarde

## Technical Data

<b>Dimensions</b>	210 x 135 x 47 mm (without PSU) 346 x 280 x 85 mm (with PSU)
<b>Weight</b>	600 g (without PSU), 4.9 kg (with PSU)
<b>Operating environment</b>	-5 °C to +50 °C, 0 to 95 %RH (non-condensing)
<b>Power supply</b>	Input: 10 to 14 VDC, 1 A (without PSU) 220 to 240 VAC, 80 VA. (with PSU)
<b>Cards</b>	5,000
<b>Readers</b>	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 .
<b>Doors</b>	0 or 1
<b>Inputs</b>	4 in total; 2 used per installed door
<b>Outputs</b>	2 (30 V, 2 A rating) in total; 1 used per installed door
<b>Expansion options</b>	Changeover relay module adds 2 additional relay outputs and 4 additional inputs
<b>Communications</b>	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)

## Ordering Information

<b>Part Number:</b>	<b>Product Description:</b>
5002-1900	MicroGarde® I (standard – without power supply)
5002-1906	MicroGarde® I (with 2 A power supply)
5002-1910	MicroGarde® I Starter Kit
5002-1811	MicroGarde® I I/O module upgrade kit
5002-1812	MicroGarde® I TCP/IP module upgrade kit

# MicroGarde® I



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