

# MICROgarde Controller



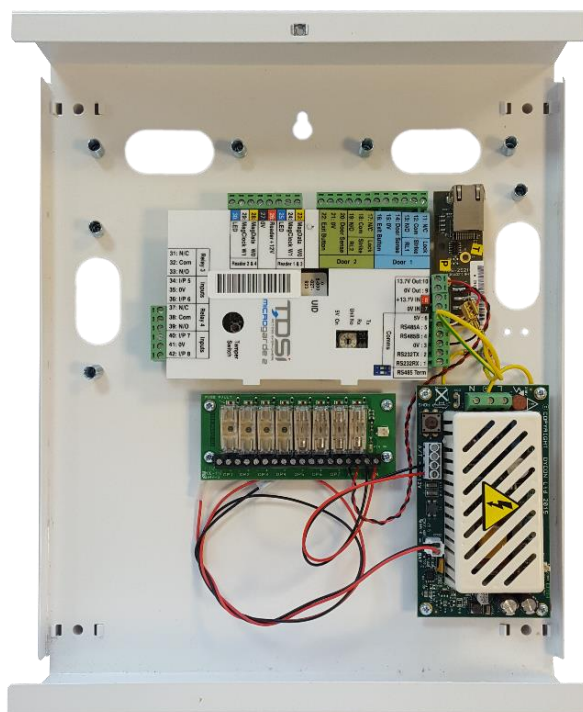
1 Door / 2 Reader or 2 Door / 4 Reader access control units

MICROgarde® 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.

## MICROgarde Key Features

- Up to 25000 card capacity with MICROgarde I
- Up to 30000 card capacity with MICROgarde II
- 2 reader, 1 or 2 door controller
- Main reader output formats supported
- 3A mains power supply unit
- Standby battery facility
- 1,000 to 50,000 event buffer
- Compatible with EXgarde PC software
- Robust enclosure design
- Integral tamper switch
- Supports supervised inputs
- High capacity Form C changeover relays
- Available with integral TCP/IP port
- 3 year warranty.



## Ordering Information

**Part Number:** 5002-1800

**Description:** MICROgarde II® 2 door access control unit

**Part Number:** 5002-1801

**Description:** MICROgarde II® 2 door access control unit with TCP/IP port

**Part Number:** 5002-1806

**Description:** MICROgarde II® 2 door access control unit with PSU

**Part Number:** 5002-1807

**Description:** MICROgarde II® I TCP/IP with 3A power supply

**Part Number:** 5002-1900

**Description:** MICROgarde i® I standard without power supply

**Part Number:** 5002-1901

**Description:** MICROgarde I® I with TCP/IP

**Part Number:** 5002-1901

**Description:** MICROgarde I® I with TCP/IP

**Part Number:** 5002-1906

**Description:** MICROgarde i® I with 3A power supply

**Part Number:** 5002-1907

**Description:** MICROgarde I® I TCP/IP with 3A power supply

**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

English, French, Spanish and Italian Starter kits also available.

# MICROgarde Controller



| Specification         |  |
|-----------------------|--|
| TDSi Part No.         | 5002-1900 / 5002-1901 / 5002-1906 / 5002-1907  |
| Dimensions            | 210 x 135 x 47mm (without PSU) 346 x 280 x 85mm (with PSU)   |
| Weight                | 600g (4.9kg with PSU)  |
| Operating Environment | -5°C to + 45°C, 0 to 95%RH (non-condensing)  |
| Power                 |  |
| Input                 | 10 to 14 VDC 1A (without PSU) 100~240 Vac 50/60HZ (2A Max)(with PSU)   |
| Output                | Mains-13.6 to 14Vdc<br>Current - 4 X 1A (individually fused)   |
| Battery               | 10.5 to 12.3Vdc 1 x 7Ah Sealed lead Acid (optional)  |
| Features              |  |
| Max Cards             | Up to 30000 (with expanded memory MG I), Up to 25000 (with expanded memory MG II)  |
| Doors                 | 1 or 2   |
| Readers               | 2 or 4 readers using TDSi-R-1N-* 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 |
| Inputs                | 4 in total; 2 used per installed door  |
| Outputs               | 2 (30 V, 2 A rating) in total; 1 used per installed door   |
| Expansion Option      | Changeover relay module adds 2 additional relay outputs and 4 additional inputs  |
| Time groups           | 64   |
| Anti-Passback         | Timed and true   |
| Mantrap function      | Yes, MG II only  |
| Communications        | RS232, RS485, TCP/IP   |

## Typical MICROgarde II installation

