

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 30,000 card capacity with MICROgarde I
- Up to 25,000 card capacity with MICROgarde II
- 4 reader 2 door, or 2 reader 1 door controller
- Multiple reader formats supported
- 3A mains power supply unit
- Standby battery facility & charging
- 1,000 to 50,000 event buffer
- Compatible with TDSi EXgarde PC software
- Robust monitored enclosure design
- Integral tamper switch
- Supports supervised inputs
- High capacity Form C changeover relays
- 3 year warranty

Ordering Information

Part Number: 5002-1801

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

Part Number: 5002-1807

Description: MICROgarde II® 2 door access control unit TCP/IP with 3A power supply

Part Number: 5002-1901

Description: MICROgarde I® 1 door access control unit with TCP/IP

Part Number: 5002-1907

Description: MICROgarde I® 1 door access control unit with TCP/IP with 3A power supply

Part Number: 5002-1814

Description: MICROgarde II 2 door access control unit with TCP/IP with PoE supply

Part Number: 5002-1914

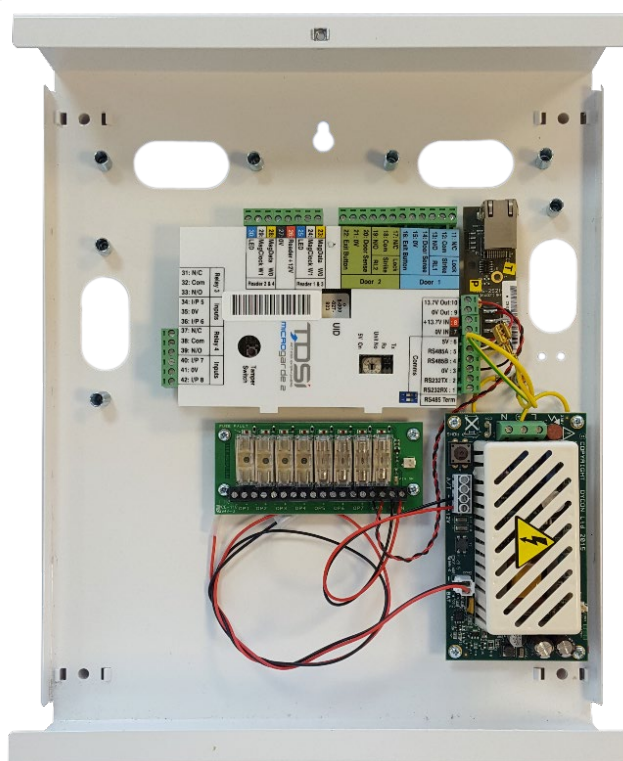
Description: MICROgarde I 1 door access control unit with TCP/IP with PoE supply

Part Number: 5002-1811

Description: MICROgarde® 1 I/O module upgrade kit

Part Number: 5002-1812

Description: MICROgarde® TCP/IP module upgrade kit



MICROgarde Controller



Specification	
TDSi Part No.	(5002-1801 / 5002-1807 / 5002-1814) (5002-1901 / 5002-1906 / 5002-1907 / 5002-1914)
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) 230Vac +10% -15%, 50Hz ± 15% (0.45A Max)(with PSU) PoE+/PoE++, IEEE 802.3af/bt (with PoE module)
Output	13.8Vdc (Nominal) (3A Max) 4 X 1A (individually fused)*
Battery	10.5 to 12.3Vdc 1 x 7Ah Sealed lead Acid (optional)
Features	
Max	Up to 30000 (with expanded memory MG I), Up to 25000 (with expanded memory MG II)
Doors	1 or 2
Readers	2 or 4 using TDSi readers in a read-in read-out configuration. Alternatively 2 readers equipped with industry standard clock & data c(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

