

GARDiS Enterprise Controller

1 Door / 2 Door / 4 Door Controller

GARDiS is the new user-friendly, cyber-secure, web embedded access controller developed by TDSi. It is easy to install and can operate with the embedded web server or GARDiS software.

The intuitive design of the GARDiS controller means it requires minimal training to install and is fully expandable in a master/slave configuration. Capable of integration with Simons Voss and Assa Abloy wireless locks, the GARDiS controller also supports all standard reader output formats and has 120 wiegand formats pre-programmed.

Key Features

- Embedded web server
- 100,000 card capacity + 100,000 event buffer
- 2000 + access groups and 120+ access area
- Up to 10 slave units per master giving control of up to 44 doors or 88 readers per master
- Optional 8 input/output modules
- Lift control with optional I/O up to 80 floors
- Compatible with ANSSI / OSDP level-2-compliant secure readers
- Universal reader encryption AES-256
- Multiple reader protocols - 120 RS485 Wiegand and Clock&Data formats embedded
- Anti-pass back, anti-time back, transit delaying

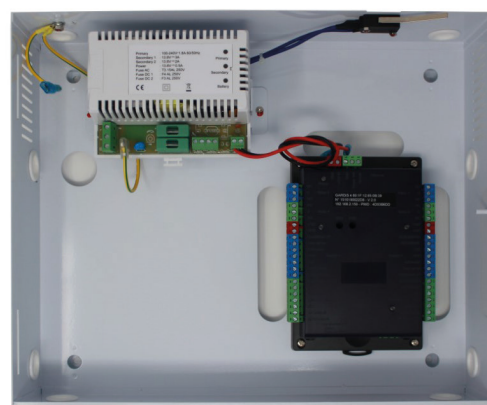


Figure 1: 4 Door Controller + Metal Case + 5A PSU

Ordering Information

Description: GARDiS E1 Door Controller

Part No. 5002-6101

Description: GARDiS E2 Door Controller

Part No. 5002-6102

Description: GARDiS E4 Door Controller

Part No. 5002-6104

Description: Metal Case + 5A PSU Single

Part No. 5002-6050

Description: Metal Case + POE Single

Part No. 5002-6051



Figure 1: 4 Door Controller

Specification

TDSi Part No.	5002-6101 / 6102 / 6104 / 6050 / 6051
Dimensions	170 X 116 X 40 mm
Weight	257g
Operating Environment	0°C to + 75°C, 0 - 95% relative humidity (non-condensing)
Power	
Input	9 - 15 Vdc 1A (without PSU) 100-240 Vac, 50-60Hz, 1.8A max (PSU) PoE+/PoE++ IEEE 802.3at/bt (with PoE module)
Features	
Max Credentials	100,000
Doors	1, 2 or 4 expandable upto 44 doors
Readers	Up to 88 TDSi readers in a read-in read-out configuration. * Alternatively, 1 reader per door equipped with industry standard clock & data, Wiegand multiformat or RS 485 output formats.
Inputs	1 per door. Additional available with I/O Module
Outputs	Control Relay: 1 A / 12V - 1A / 24v 1 used per installed door GARDIS E1: 2 Outputs GARDIS E2: 3 Outputs GARDIS E4: 5 Outputs
Expansion Options	GARDIS 4+ (4 door); 8 Inputs/8 Outputs module; Wireless IP Locks
Time Groups	500
Anti-Passback	Timed and true
Mantrap Function	Yes
Communications	TCP/IP and RS485 for extension modules

*Limited functionality available.

Example Installation Diagram

