GARDiS Controller

1 Door / 2 Door / 4 Door Controller
GARDiS is the new user-friendly, cyber secure, web embedded access controller, developed by TDSi. Easy to install and no additional software is required.

The intuitive design of the GARDiS controller means it requires minimal training to install. Fully expandable and capable of integration with Simons Voss and Assa Abloy wireless locks, the GARDiS controller also supports all standard reader output formats.

Key Features

- Embedded web server
- Fits up to 10 wireless locks - Aperio / Smart Intego*
- 5000 card capacity + 15,000 event buffer
- 1000 + access groups
- Up to 10 slave units per master giving control of up to 44 doors
- 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 decoder
- Multi-protocols RS485 Wiegand and Clock&Data
- Anti-pass back, anti-time back, transit delaying

* You can either use the Aperio **or** Simons Voss **or** have additional doors

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

Ordering Information

Description: GARDiS 1 Door Controller
Part No.5002-6001
Description: GARDiS 2 Door Controller
Part No. 5002-6002
Description: GARDiS 4 Door Controller
Part No. 5002-6004
Description: Metal Case + 5A PSU Single
Part No. 5002-6050
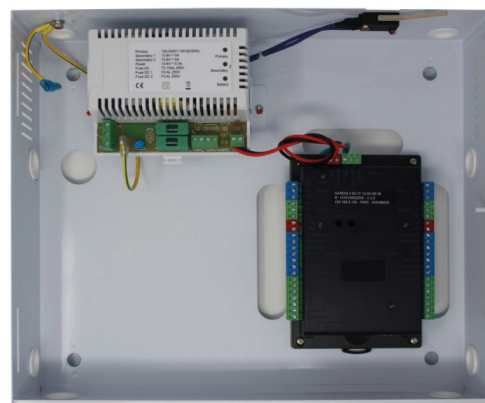Description: Metal Case + POE Single
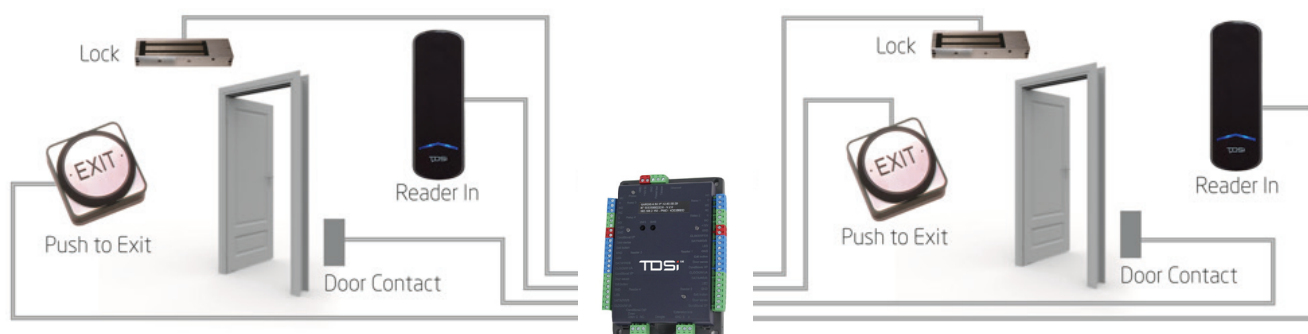**Part No. 5002-6051**

Figure 1: 4 Door Controller

Specification

TDSi Part No.	5002-6001 / 6002 / 6004 / 6050 / 6051
Dimensions	170 X 116 X 40 mm
Weight	257g
Operating Environment	0°C to + 50°C, 0 - 95% relative humidity (non-condensing)
Power	
Input	9 - 14 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	5000
Doors	1, 2 or 4
Readers	Up to 2 TDSi readers **per reader channel** 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 1: 2 Outputs GARDIS 2: 3 Outputs GARDIS 4: 5 Outputs
Expansion Options	GARDiS 4+ (4 door); 8 Inputs/8 Outputs module; Wireless IP Locks
Time Groups	128
Anti-Passback	Timed and true
Mantrap Function	Yes
Communications	TCP/IP and RS485 for extension modules

*Limited functionality available.

Example Installation Diagram