

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*
- 5,000 credential capacity** + 15,000 event buffer
- 1,000 + 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 RS-485 Wiegand and Clock&Data
- Anti-pass back, anti-time back, transit delaying

* Either use the Aperio **or** Simons Voss **or** have additional doors

** Can support up to 50,000 credentials with GARDiS Software.

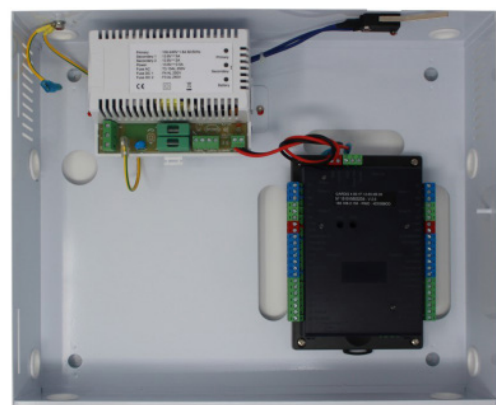


Figure 1: 4 Door Controller + Metal Case + 5A PSU

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 2: 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 (can support up to 50,000 credentials with GARDiS Software)
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



DS0181 - Issue 4