

STid secure I/O module

Manage your access points with confidence

The STid secure I/O module is a complete hardware door interface module for Genetec™ high assurance access control system. This module provides a secure method for controlling and monitoring doors, without exposing any sensitive information beyond a secured perimeter. Due to its convenient form factor and open standard communication protocol, the STid secure I/O module is easy to deploy and service in scenarios using transparent readers or with no door controllers.

The STid secure I/O module connects to Synergis™ Cloud Link through an OSDP secure channel over RS-485. It reports all activities back to the Access Manager and processes real-time door commands.



STid secure I/O module shown

Key features

8 inputs and 8 relay outputs connecting up to four doors

Inputs can be configured as supervised or unsupervised

8 relay outputs (configurable NC/NO), 30VDC

Connectors are identified by silk-screened nomenclature on the panel

Compact dimensions

Can be DIN rail mounted with provided clip

Visual indicators which help improve awareness and maintenance

Enhanced connectors ensuring better signal integrity

Wide temperature variation



Key benefits

Simple and secure door control and monitoring

The STid I/O module is a door module that operates the locking mechanism and reports door status and position. It does not store any sensitive information and provides sufficient inputs and outputs to control up to four doors.

Scalability and connectivity

This interface module offers (8) inputs and (8) outputs for enhanced versatility and scalability. It allows you to connect up to 16 STid I/O modules onto a single RS-485 port on Synergis Cloud Link, using an OSDP secure connection. Support for OSDP readers and I/O modules mixing on the same port is also available.

Customization of supervised inputs configuration

Resistor values for supervised inputs can be configured within Security Center. These inputs can be monitored for various states, including normal, active, cut, short, and trouble. This enables operators to efficiently detect any breaches within the system.



Hardware specifications

Microprocessor	Single core	Warranty	36 months
Communications	One embedded RS-485 port OSDP secure channel	Inputs	8 supervised inputs tamper, power fail & battery fail <30ms latency
Electrical	12 VDC nominal, 9-16VDC 3.5mm 2 pins terminal block & plug screw type	Outputs	8 non-latching SPDT form C 30 Vdc 2A max
Mechanical	Appliance dimensions (L x W x H) 134mm x 111.4mm x 37.3mm 4.92in x 4.41in x 1.10in	Reset button	Yes
Environment	Temperature: 0 to +50°C Relative humidity: 5% to 95% non-condensing For indoor use only	LEDs	1 power blue 1 status bi-color green/red