



I/O MODULE

INPUT/OUTPUT (I/O) MODULE

The STid IO Module is an input/output (I/O) module that provides a direct link between field devices and the centralized security system.

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Inputs collect information from sensors, door contacts, push buttons, or power status, while outputs enable the control of physical actions such as door unlocking, alarm activation, or the operation of technical equipment.

This I/O logic extends access control to the entire building environment, enabling automated scenarios and real-time monitoring. Compatible with OSDP Secure Channel and SSCP V2 architectures, the IO Module integrates seamlessly into existing installations and enhances the operational intelligence of access control.

POWER SUPPLY CHARACTERISTICS

| | |
|-------------------|--|
| Main power supply | Typical: 12 Vdc Range: +9 Vdc up to +16 Vdc |
| Consumption | Typical: 15mA under +12 Vdc Max: 250mA under +12 Vdc |

CARACTERISTIQUES

| | |
|--------------------|---|
| Communication | RS485 (L+ & L-) |
| Pin out | Removable connectors, thread 3.5mm / 0.1379 in |
| Temperature | 0°C to 50°C / +32°F to +122°F |
| Input | 8 supervised + 3 particulars |
| Output | 8 relays configurable NC/NO non latching / 2A; 30VDC |
| LED | Power; Serial; Relay; Firmware Running |
| Reset | Reset Push button |
| Environment | Indoor use only |
| RS485 | 1200 end-of-line activated by dip switch |
| Recommended Cables | RS485: Use a multi-conductor shielded twisted pair cable - Max length 3 280 ft / 1000 m at 9600 baud. |
| Certifications | |

Recommandations

- Install the I/O Panel away from computer transmission cables or from power sources (ex: RJ 45, sector...).
- The disruptions that they can cause can vary according to their radiation power and their proximity.
- Use a filtered and regulated power supply.
- Before any service operation you must de-energize the module.

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