

DI-X10S

SINGLE DOOR CONTROLLER

LAN | OSDP

STANDARD VERSION DI-X10

CE CERTIFICATION

EN-60839-11
EN-50131-1
EN-50133-1

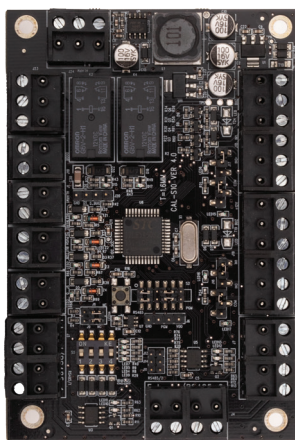


DESCRIPTION

The DiSS Single Door Controller (DI-X10S) enhances access control systems by providing a reliable interface for door-mounted devices. Supporting Wiegand, RS-485, and OSDP protocols, it ensures compatibility with a wide range of readers, including card readers, keypads, and touch-screen variants.

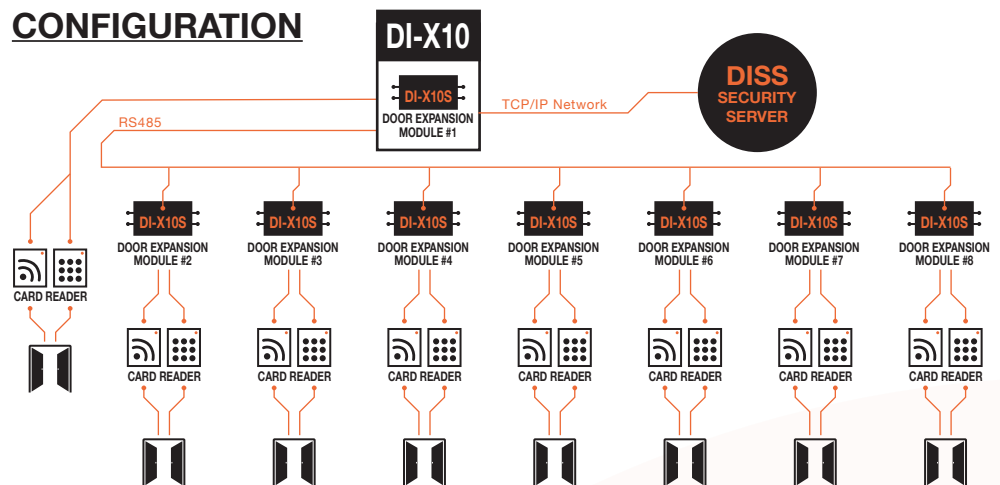
Designed for seamless integration, the Single Door Controller (DI-X10S) minimizes signal degradation between the DiSS Master Door Controller (DI-X10) and field devices. Its daisy-chain capability (up to seven Single Door Controller (DI-X10S) over 4,000 feet) allows for flexible installations in large facilities.

With four programmable inputs (supporting NO/NC and supervised/non-supervised wiring) and two configurable relays (fail-safe/secure), the Single Door Controller (DI-X10S) delivers adaptability for diverse security requirements.



110mm X 74mm X 15mm

CONFIGURATION



FUNCTIONALITY

- Support standard Wiegand Data1/Data0 reader connection
- Support RS-485 OSDP Protocol bidirectional communication (Reader Fault Detection)
- Support additional 7 x DI-X10S single door controllers via RS485 network up to 4,000 feet (1219m) connection to the Master IP-DC controller
- On-board RS-485 2-wire multi-dropped connection up to 4,000 feet (1219m)
- Up 8 doors configuration (1 DI-X10 + 7 DI-X10S)
- Reader Beeper Control
- Act as Single Door Controller
- Enhanced anti-pass back capabilities
- Enhanced interlock capabilities
- Plug-in screw terminal
- Support Fast start time < 1s
- Input status LED
- Output status LED
- Real time clock

READER INTERFACE

- 4 Input Support : 1 x Door Sensor , 1 x Release Input, 2 x Aux Alarm Input with EOL (4 states supervision door contact – open, close, short, cut off) support
- 2 Output Support: 1 x Door Lock and 1 x Aux Alarm Output (Programmable)
- Support 4 x Readers (2 x OSDP readers or keypad + 2 x Wiegand Reader in IN and OUT Reader configuration)
- Auto Sync Server Time
- With RS232 Diagnostic port for real time system maintenance
- Support Customized card format - 24 bits to 64 bits contact – open, close, short, cut off) support
- Support Octopus Reader System

SPECIFICATIONS

- Door Configuration : 1 DI-X10 + 7 DI-X10S
- Setup Configuration : Dip -Switch
- Operation Temperature : 0°C to 45°C
- Humidity : 0% - 95% RH
- Connection Support : RS-485 2-wire
- Power Supply : 12VDC, 150mA Max
- PCB Board Size : 110 x 74 x15 mm

*All pictures and specifications are for reference only and are subject to change without prior notice.