

# IP Door Controller Master Controller

**DI-X10 / DI-X10S**

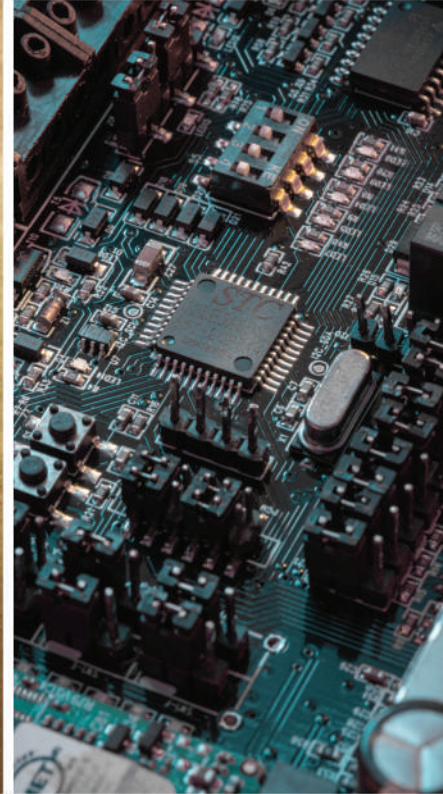
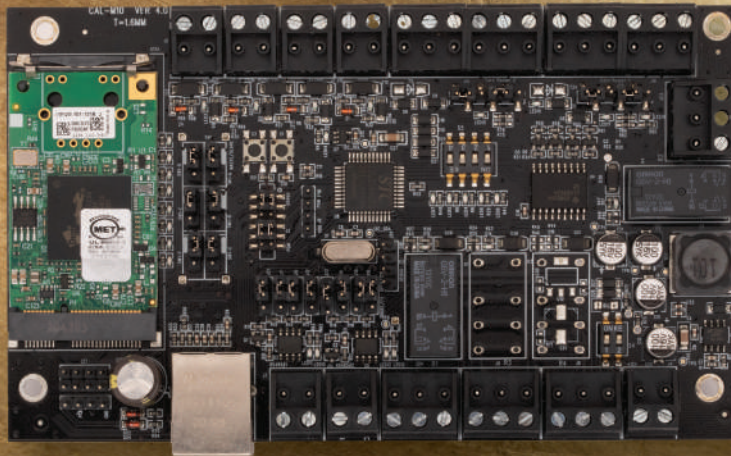
Standard Version

**DI-X10H**

High Capacity Version

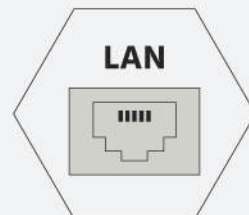
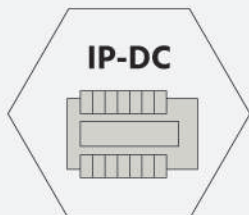
**DI-X10W**

WIFI Version



## Solutions for a New Era of Access Control

The DiSS IP Door Controller, Master Controller (IP-DC) is an intelligent controller with fully independent operation if required which performs a wide range of access control, door management and Time and Attendance (T&A) control functions and which is suitable for installation in a secured room. Different door configurations ranging from single to eight doors access with a simple reader to complex inter-locking doors with two readers per door and isolation of persons are no problem for the IP Door Controller IP-DC. The IP Door Controller IP-DC signals all movement and irregularities to a higher-level system with which informative Logbook information can be recorded or alarm functions triggered, particularly for access control. A wide range of special functions can be implemented freely-programmable routines which run autonomously in the IP-DC Door Controller.



## Controller Functionality

- On-board RS-485 2-wire multi-dropped connection up to 4,000 feet (1219m)
- Act as Single Door Controller
- Support OSDP Protocol bidirectional communication (Reader Fault Detection)
- Support standard Wiegand Data1/Data0 reader connection
- Support RS-485 OSDP reader communication
- Input status LED
- Output status LED
- Reader Beeper Control
- Enhanced anti-pass back capabilities
- Enhanced interlock capabilities
- Support additional 7 x S-DC single door controllers via RS485 network (1219m) connection to the Master IP-DC controller

- Up 8 doors configuration ( 1 IPDC + 7 S-DC)
- Support Fast start time < 1s
- Real Time Clock
- Plug-in screw terminal

## Reader Interface Functionality

- Support 4 x Readers (2 x OSDP readers or keypad + 2 x Wiegand Reader in IN and OUT Reader with both configuration)
- Support Octopus Reader
- Support Customized card format - 24 bits to 64 bits
- 4 Input Support : 1 x Door Sensor , 1 x Release Input, 2 x Aux Alarm Input with EDL (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)
- Auto Sync Server Time
- With RS232 Diagnostic port for real time system maintenance

## Specification

- Power Supply: 12VDC , 250mA Max
- Operation Temperature: 0°C to 50°C
- Humidity: 0% - 95% RH
- Connection Support: RS-485 2-wire
- Door Configuration: 1 IPDC + 7 S-DC
- Setup Configuration: Dip-Switch
- PCB Board Size: 89 x 89 x 15 mm

