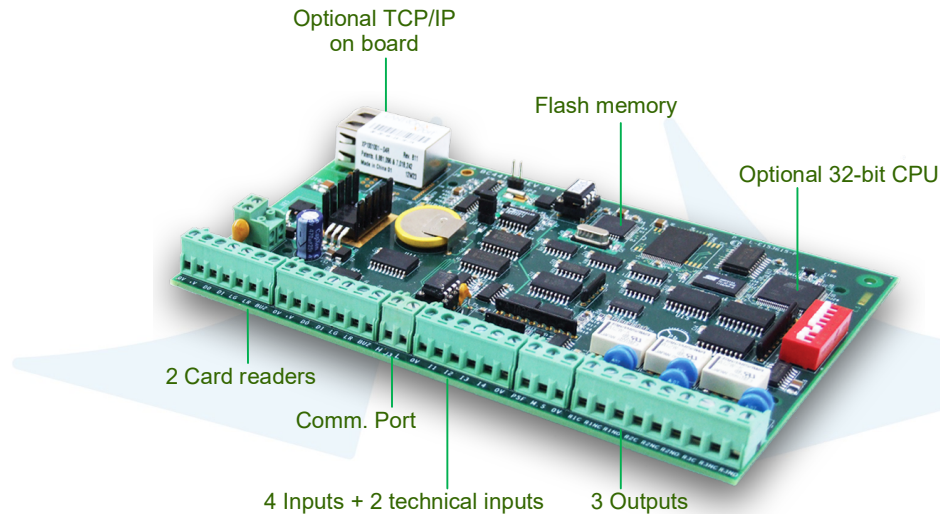











OPEN, Access Control for Small and Medium Installations



 Cardholder up to 163,000	 DOORS 1/2	 READERS 2	 INPUT 6	 OUTPUT 3	 EVENTS up to 136,000	 BUS COM. 1	 TCP / IP on-board	 Processor 1 +1 (option)
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Overview

OPEN controller is the ideal access control solution for small and medium installations. OPEN provides a sophisticated entry-level security solution, including for doors, parking and interlock. Optional TCP/IP on board is available with possible AES 128/256 encryption.

Benefits

OPEN is a 2-reader/1-door or a 2-reader/2-door controller fitting a wide range of installations up to 44,000 cardholders (expandable to 163,000 cardholders with 2M of memory). Depending on its configuration, it can store up to 47,000 events (expandable to 136,000 events with 2M memory). It comes with 6 inputs and 3 relays.

OPEN is equipped with two CPUs: a high speed CPU deals with all access control and alarm management tasks in high security installations that require very large databases. A second optional 32 bits CPU allows improving the controller speed.

OPEN's installation and programming are simple, and a Flash memory allows easy firmware upgrade.

This robust controller is capable of withstanding the most adverse environments. It can make autonomous decisions at the local level without degradation, even in the event of communication failure.

The elaborate access control capabilities include daily and weekly programs, holidays, security levels, RTX, escort, anti-passback, etc.

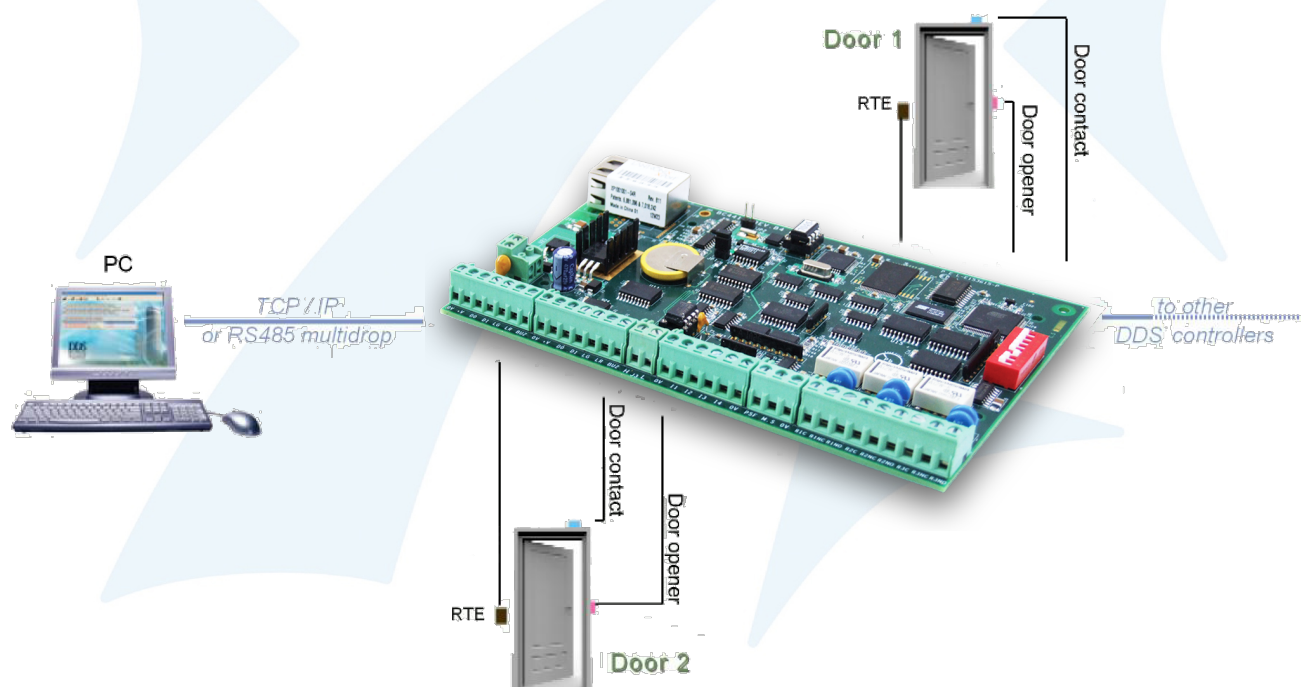
The alarm management functions supervise local and global reflexes, unsuccessful attempts, door alarm, duress alarm, etc.

OPEN can easily be associated with other DDS controllers.

Key features

- 2-reader/1-door or 2-reader/2-door
- 4 supervised (4 states) inputs
- 2 technical inputs for housing tamper and Power failure detection
- 3 relays (each with 3 outputs contacts) + Leds
- Up to 44,000 cardholders (expandable to 163000)
- Up to 47,000 events in memory (expandable to 136000)
- Global reflex and APB
- 255 daily programs, 127 weekly programs, 180 holidays & Special days
- 255 reflexes (local & network)
- Optional TCP on board with possible AES 128/256 encryption
- 1MB Flash memory for application firmware (downloaded from PC)
- 512K RAM memory (expandable to 2M) for operating database, backed by lithium battery to last for 10 years
- Speed from 4,800 to 38,400 Bauds
- Programmable communication encryption
- Removable connectors
- Autonomous decisions at the local level without degradation
- Multi-technology: Biometric, Smart Card, Wiegand, Magnetic, etc.

Architecture



Technical Specifications

Operating temperature: 0° C to +55° C
Storage temperature: -10° to +65° C
Operational humidity: 10 to 95% RH

Working voltage: 12 VDC +/- 20% 350mA with TCP
Alarm input max voltage: +/- 30V

Approvals:   