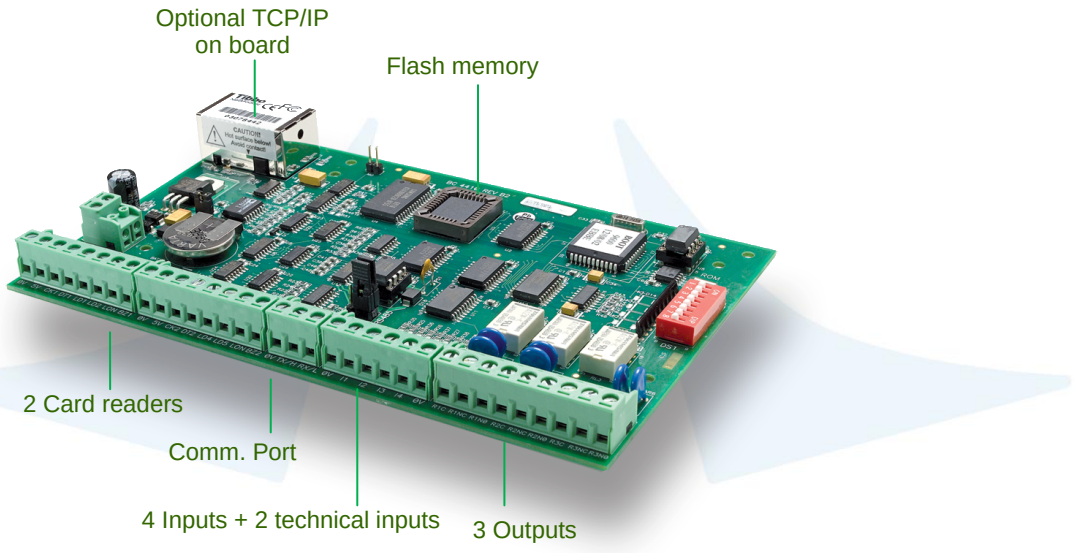
OPEN, access control for small and medium installations



Cardholder	DOORS	READERS	INPUT	OUTPUT	EVENTS	BUS COM.	TCP / IP
up to 44,000	2	2	4	3	up to 47,000	1	on-board (option)

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.

Benefits

OPEN is a 2-reader/1-door or a 2-reader/2-door controller fitting a wide range of installations up to 8,000 cardholders (expandable to 44,000 cardholders with 512K of memory – OPEN 512K). Depending on its configuration, it can store up to 8,000 events (expandable to 47,000 events with 512K memory). It comes with 4 inputs and 3 relays.

Communication with the host is ensured via the RS232 or RS485 communication bus, or the built in TCP/IP interface (option). In case of on-board TCP/IP, the controller acts as a concentrator, this allows RS485 connection to other DDS controllers, without additional costs.

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

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

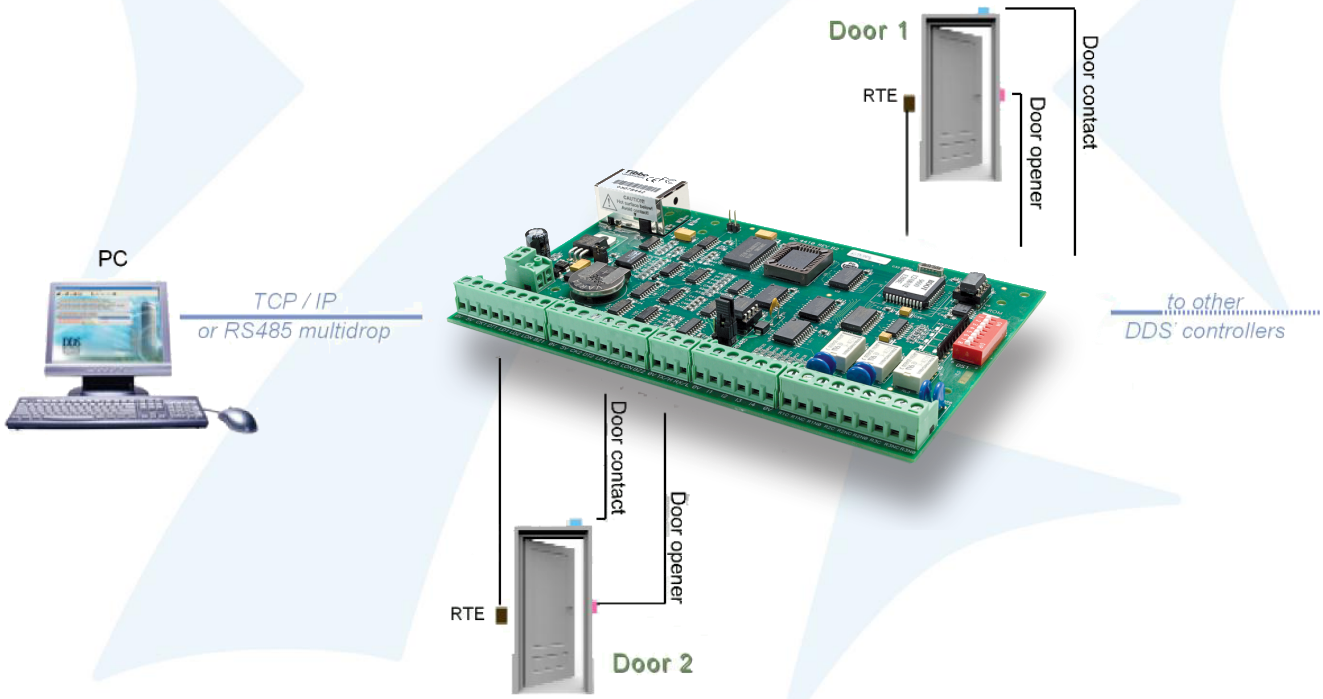
OPEN is easy to use. The system can be installed in a matter of minutes. Programming is simple. The Flash memory allows easy firmware upgrade. The use of removable connectors will greatly ease system updates.
The intelligent controller supports almost all reader's technologies.

This robust controller is capable of withstanding the most adverse environments. OPEN takes independent decisions at the local level, such as door opening or outputs / reflexes triggering, without any computer intervention.

Key features

- 2-reader/1-door or 2-reader/2-door
- 4 supervised (4 states) inputs
- 3 relays (each with 3 outputs contacts) + Leds
- 128K RAM memory (expandable to 512K - OPEN 512K) for operating database, backed by lithium battery to last for 10 years
- Up to 8,000 cardholders (expandable to 44,000 - OPEN 512K))
- Up to 8,000 events in memory (expandable to 47,000 - OPEN 512K), with RAM dynamic allocation)
- Global reflex and APB
- 255 daily programs, 127 weekly programs
- 180 holidays and special days
- Global reflex and APB
- TCP on board (optional)
- 1MB Flash memory for application firmware (downloaded from PC)
- 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, proximity, magnetic, etc.

Architecture



Technical Specifications

Board dimension: 176 x 111 mm
Operating temperature: 0° C to +55° C
Storage temperature: -10° C to +65° C
Operational humidity: 0 to 95% RH

Board weight: 160g
Working voltage: 12 VDC +/- 20% 350mA with TCP
Alarm input max voltage:+/- 30V
Approvals:

DDS Ltd. 16 Hauman Street, Ind. Zone Talpiot Jerusalem 9342176
P.O.B. 8144 Jerusalem 9108101 Israel
Tel.: +972.2.6788264 Fax.: +972.2.6788269
www.dds-security.com E-mail : marketing@dds-security.com

©DDS 2016
Doc 51PE110