

DC48OSDPIP

# DOOR CONTROLLER

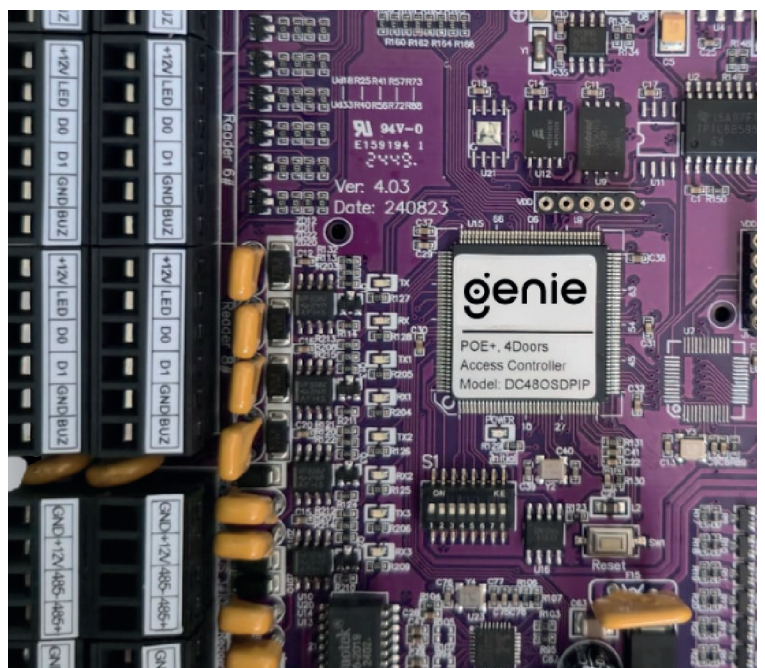
4 Door, 8 Reader Door Controller with 6A DC12V PSU



## Key Features

- 32 bit ST ARM® CortexTM-M4 processor
- 10/100M based TCP/IP communication
- Power over Ethernet (POE+, 30W)
- Fit to DIN rail installation
- Backup battery interface, battery inspect
- Compatible with both Wiegand and OSDP reader at the same time
- Compatible with all Wiegand reader formats from 24 to 72 Bits
- 24 sets of flow control & lockdown feature
- Supports master + slave cards, multi groups cards
- Supports double confirmed by centre
- Supports user PIN identify
- Supports anti-passback
- Multiple door status working modes
- Long memory storage up to 20 years during power off
- CE, FCC, RoHS Certified

The Genie DC48OSDPIP is a 4 door and 8 reader (4 in and 8 out) controller. Supplied in a sturdy metal box with hinged lid, the DC48OSDPIP includes cable management and a 6 Amp DC12V power supply as well as being compatible with most Wiegand and OSDP devices at the same time. It can be used in a standalone or networked configuration mode (TCP/IP) It also offers a comprehensive on board programmable I/O module allowing the installer to fully programme I/O's via input/output action or by 255 real world event scenarios.



## Specification

|                     |  |
|---------------------|--|
| CPU                 | 32 Bits ARM® Cortex-M4 Processor   |
| Cardholder Capacity | 100,000 Cardholders (250,000 extendible)   |
| Data Memory         | 512KB RAM+64MB Flash   |
| Backup Battery      | 1 Lithium battery backup (up to 20 years data retention)   |
| Door Relay (NC/NO)  | 4  |
| Door Sensor (NO)    | 4, Supervisor (4 Status)   |
| Exit Button         | 4  |
| Auxiliary Output    | 4  |
| Auxiliary Input     | 4, Supervisor (4 Status)   |
| Wiegand reader      | 8 pcs  |
| OSDP reader Bus     | 4 Lines (4-pinconnector), Maximum Distance: 1200meters (4000ft), Reader Unit ID is from 1 to8, and matched with Wiegand 1-8# |
| TCP/IP              | 10/100M based  |
| Transaction Storage | 1,000,000 logs(1,500,000 extendible)   |

|                       |   |
|-----------------------|---|
| Operating Voltage     | 12VDC (±10%)<br>~ DC input mode: 12V DC, 3A<br>~ POE+ (Battery Low, Battery Lost),802.3at |
| Operating Current     | ≤200mA  |
| Standby Current       | ≤150mA  |
| Working Temperature   | -40°C~70°C  |
| Metal case dimensions | 403 × 384 × 72mm  |
| Weight                | 0.2Kg (PCB only)<br>4.7Kg (with metal case & PSU)   |

## Dimensions

