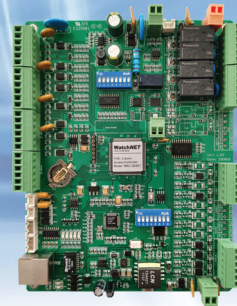


**2 Doors,  
4 Readers,  
Access Controller**



WAC-2D4T-PCB



WAC-2D4T-ENC

### Controller Description:

The 3 Series of access controllers can be used in a standalone or networked configuration mode, are compatible with the 3 Series access controllers and Lift Controllers and Multi IO Controllers. The 3 Series controllers can be connected to a TCP/IP network, and work perfect with WatchNET Access Integrated security system software. The WAC-2D4T-ENC (Door Controller, 2 Door, 4 Readers, TCP/IP Enabled) is an advanced 2 doors access controller allowing for the connection of both In and Out card readers.

### Controller Features:

1. 32 bit ST ARM® CortexTM-M3 processor with 16MBit data memory
2. Communication Modes: RS-232 (max 50ft), RS-485 (max 4000ft) or TCP/IP
3. On board 100MBit real TCP/IP
4. Compatible with all Wiegand reader formats from 24 to 72 Bits
5. Event Flow Control
6. Supports 500 Visitors
7. Supports Master + Slave Group cards
8. POE as Option is ready
9. CE, FCC, RoHS approval

### Controller Specifications:

- CPU: 32 Bit Processor
- 2 Door Relay (NC/NO)
- 2 Door Sensor (NO)
- 2 Exit Button
- 2 Auxiliary Output Relays
- 4 Auxiliary Inputs
- 4 Wiegand Readers
- RS-232/RS-485/TCP/IP interface
- Up to 127 controllers per RS-485 bus
- Supports online computer polling
- Communication speed: 19200/9600/4800
- 15 Time Groups for each door
- Card Capacity: 30,000
- Transaction Storage: 100,000 events
- Maximum LAN Distance: 1200 meters (4000ft) using RS-485.
- Operating Voltage: 12V DC (±10%)
- DC battery charging circuit (Charging Inspector)
- Operating Current: ≤200mA
- POE current: ≤1000mA
- Standby Current: ≤150mA
- Working Temperature: -40°C~70°F / -40°C~158°F
- Data Memory: 16M bit (protected)
- 1 Lithium battery backup (up to 10 years data retention)
- Metal case dimensions: 403mm x 384mm x 72mm  
15.87" x 15.12" x 2.83"
- Weight: 0.2kg / 0.44lb (without metal case)  
4.7kg / 10.36lb (with metal case & PSU)

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March 01, 2021

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