

8 Door, 8 Readers Network Controller



WAC-8D8T-PCB

The WAC-8D8T-PCB access controller, (OS series, 8 Doors, 8 Readers) is an advanced 8 doors access controller that support both Wiegand and OSDP reader at the same time. It can be used in a standalone OR networked configuration mode. It's compatible with the existing and POE series access controllers, lift controller and I/O controller. The existing series controller also can be connected to a TCP/IP network and work perfect with WatchNET Access Control System

KEY FEATURES:

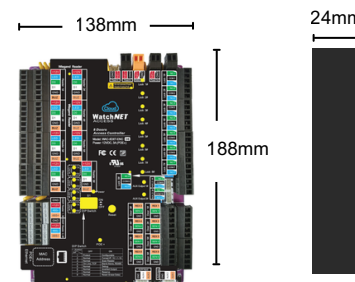
- 32 bit ST ARM® CortexTM-M4 processor
- 10/100M based TCP/IP communication
- Power over Ethernet (POE+, 30W)
- Backup battery charger, battery Monitor
- Compatible with Wiegand and OSDP reader
- Compatible with all Wiegand reader formats from 24 to 72 Bits
- 24 sets of flow control setting
- Supports Lock down feature
- Supports master + slave cards
- Supports Multi groups cards
- Supports double confirmed by center
- Supports user PIN identify
- Supports Anti-PassBack
- Multiple door status working modes
- Long memory storage up to 20 years during power off
- UL,CE, FCC, RoHS Certified

SPECIFICATION

CPU	ST ARM® Cortex-M4, 32 bits
ROM	512M
Data Memory	128KB RAM+128MB Flash
Door Relay (NC/NO)	8
Door Sensor	8, Supervisor
Exit Button	8
Auxiliary Output	2
Auxiliary Input	4, Supervisor (4 Status)
Wiegand reader	8 pcs
OSDP reader Bus	4 Lines (4-pin connector)
Maximum Distance (OSDP Reader)	1200 meters (4000ft)
Reader Unit ID	is from 1 to 8, and matched with Wiegand 1-8
TCP/IP	10/100M based
Cardholder Capacity	100,000 Cardholders (250,000 extendible)
Transaction Storage	1,000,000 logs (2,000,000 extendible)
Operating Voltage	12VDC (±10%)
DC input mode	12V DC, 3A
POE+	Battery Low, Battery Lost

Operating Current	≤ 300mA
Standby Current	≤ 300mA
Working Temperature	-40°C~70°C
1 Lithium battery backup	up to 20 years data retention
Weight	0.2Kg (PCB only)
Weight (with metal case)	5Kg (with metal case & PSU)
Metal case dimensions	403x384x72mm
PCB dimensions	138x188x24mm

In today's ever-changing security landscape, flexibility and compatibility are paramount. The WAC-8D8T-PCB Access Controller offers a reliable and versatile solution that empowers you to adapt to evolving security needs. Whether you're looking to enhance an existing system or implement a new access control solution, the WAC-8D8T-PCB Access Controller provides the foundation for a secure and efficient access management strategy.



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