WatchNET ACCESS

WAC-2D2TOS-ENC

2 Door, 2 Readers Network Controller

DESCRIPTION:

The WAC-2D2TOS-ENC access controller, (OS series, 2 Doors, 2 Readers) is an advanced 2 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.

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
- Remote management - securely manage doors, schedules and cards from the software
- CE, FCC, RoHS Certificated

CLOUD INTERFACE

COMING SOON

MQTT

CE FC

SPECIFICATION	
CPU	ST ARM® Cortex-M4, 32 bits
ROM	512M
Data Memory	128KB RAM+128MB Flash
Door Relay (NC/NO)	2
Door Sensor	2, Supervisor (4 Status)
Exit Button	2, Supervisor (4 Status)
Auxiliary Output	2
Auxiliary Input	4, Supervisor (4 Status)
Wiegand reader (RJ45 port)	2 pcs
OSDP reader Bus	2 Lines (4-pin connector)
Maximum Distance	1200 meters (4000ft)
Reader Unit ID	is from 1 to 2, and matched with Wiegand 1-2
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
Metal case dimensions	403x384x72mm
Weight	0.2Kg (PCB only)
Weight (with metal case)	5Kg (with metal case & PSU)

In today's ever-changing security landscape, flexibility and compatibility are paramount. The WAC-2D2TOS-ENC 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-2D2TOS-ENC Access Controller provides the foundation for a secure and efficient access management strategy.