DPU3088-OS

Features

1. 32 bit ST ARM® CortexTM-M4 processor
2. 10/100M based TCP/IP communication
3. Power over Ethernet (POE+, 30W)
4. Backup battery charger, battery Monitor
5. Compatible with Wiegand and OSDP reader
6. Compatible with all Wiegand reader formats from 24 to 72 Bits
7. 24 sets of flow control setting
8. Supports Lock down feature
9. Supports master + slave cards
10. Supports Multi groups cards
11. Supports double confirmed by center
12. Supports user PIN identify
13. Supports Anti-PassBack
14. Multiple door status working modes
15. Long memory storage up to 20 years during power off
16. CE, FCC, RoHS Certificated

Description

The **DPU3088-OS** access controller, (**3000-OS** series, **8** Doors, **8** Readers, compatible with **OS**DP reader) 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 DPU3000NT and POE series access controllers, lift controller and I/O controller. The DPU3000-OS series controller also can be connected to a TCP/IP network and work perfect with Sphinx Integration System.

Specification

- CPU: ST ARM® Cortex-M4, 32 bits
- ROM: 512M
- Data Memory: 512KB RAM+64MB Flash
- Door Relay (NC/NO): 8
- Door Sensor (NO): 8, Supervisor (4 Status)
- Exit Button: 8, Supervisor (4 Status)
- Auxiliary Output: 2
- Auxiliary Input: 4, Supervisor (4 Status)
- Wiegand reader (RJ45 port): 8 pcs
- OSDP reader Bus: 4 Lines (4-pin connector), Maximum Distance: 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: 500,000 logs (1,500,000 extendible)
- Operating Voltage: 12VDC (±10%)
  - ✧ DC input mode: 12V DC, 3A
  - ✧ POE+ (Battery Low, Battery Lost)
- Operating Current: ≤200mA
- Standby Current: ≤150mA
- 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)
          4.7Kg (with metal case & PSU)