



DPU1012NT

Features:

1. 32 bit ST ARM® Cortex M4 processor with 16MBit data memory
2. Communication: RS485 (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. Compatible with OSDP reader
6. Event Flow Control
7. Support 500 Visitors
8. Support Master + Slave Group cards
9. CE, FCC, RoHS Certificated



Series Description:

The 1 Series of access controllers can be used in a standalone or networked configuration mode, are compatible with the 1 & 3 Series access controllers, Lift Controllers and Multi IO Controllers. The 1 Series controllers can be connected to a TCP/IP network, and work perfect with Sphinx.

Controller Description:

The **DPU1012NT**, (1000 Series, Door Controller, 1 Door, 2 Readers, TCP/IP Enabled) is an economic 1 door access controller allowing for the connection of both In and Out card readers.

Specifications:

- CPU: 32 Bit Processor
- Data Memory: 16M bit (protected)
- 1 Door Relay
- 1 Door Sensor
- 1 Exit Button
- 2 Auxiliary Output Relays
- 2 Auxiliary Inputs
- 2 Readers: Free Combination of Wiegand and OSDP Readers
- RS485/TCP/IP interface
- Up to 127 controllers per RS485 bus
- Supports online computer polling
- 15 Time Groups for each door
- Cardholder Capacity: 10,000 users, can be expanded to 30,000 users
- Transaction Storage: 100,000 events, can be expanded to 500,000 events
- Maximum LAN Distance: 1200 meters (4000ft) using RS485
- Operating Voltage: 12V DC ($\pm 10\%$)
- Operating Current: $\leq 200\text{mA}$
- Standby Current: $\leq 150\text{mA}$
- Working Temperature: $-40\text{C}\sim 70\text{C}$
- 1 Lithium battery backup (up to 10 years data retention)
- Metal case dimensions: 315 x 205 x 55mm
- Weight: 0.2Kg (without metal case)
2.7Kg (with metal case & PSU)