



DPU1024NT

**Features:**

1. 32bit ST ARM® Cortex M4 processor with 16MBit data memory
2. Communication Modes: 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 and 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 **DPU1024NT**, (*1000 Series, Door Controller, 2 Door, 4 Readers, TCP/IP Enabled*) is an economic 2 doors access controller allowing for the connection of both In and Out card readers.

**Specifications:**

- CPU: 32 Bit Processor
- Data Memory: 16M bit (protected)
- 2 Door Relay
- 2 Door Sensor
- 2 Exit Button
- 2 Auxiliary Output Relays
- 2 Auxiliary Inputs
- 4 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 ( $\pm 10\%$ )
- 110/220 AC (50/60HZ) switched mode 12V DC 6A Power Supply c/w 13.8V DC battery charging circuit (Charging Inspector)
- 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: 315mm x 205mm x 55mm
- Weight: 0.2Kg (without metal case)  
2.7Kg (with metal case & PSU)

**SECUSYS GROUP LIMITED**

B10/F, Keyking Tech Park, Shangwei Weikang Road, Zhangkengjing, Guanhu Town, Longhua District, Shenzhen, China, 518110.

Tel: (86)755-8829 9199 Fax: (86)755-8829 9004 Website: [www.secusysgroup.com](http://www.secusysgroup.com)