



DIO3168P

Features:

1. 32 bit TI ARM® Cortex M4 processor with 4MBit data memory
2. Power Over Ethernet
3. On board 100MBit real TCP/IP
4. Event Flow Control
5. Includes UDP Protocol
6. CE, FCC, RoHS approval

**Description:**

The DIO3168P, (KEYKING, 3 Series, Input Output Controller, 16 Inputs, 8 Outputs, TCP/IP Enabled) is an advanced fully intelligent Ethernet enabled controller based on a 32 bit microprocessor. It is compatible with Sphinx & KEYKING 3 Series access controllers.

Specifications:

- CPU: 32 Bit Processor
- 8 Output Relays (NC/NO)
- 16 Inputs (NO)
- RS-232/RS-485/TCP/IP interface
- POE: 802.1af
- TCP Communication speed: 100M
- 15 Time Groups for each relay
- Transaction Storage: 200,000 events
- 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
- Operating Current: $\leq 200\text{mA}$
- Standby Current: $\leq 150\text{mA}$
- Working Temperature: $-40\text{C}\sim 70\text{C}$
- Data Memory: 4M bit (protected)
- 1 Lithium battery backup (up to 10 years data retention)
- Metal case dimensions: 403 x 384 x 72mm
- Weight: 0.2Kg (without metal case)
4.7Kg (with metal case & PSU)