

Access Input & Output Controller



Description:

WatchNET Access Input & Output Controller has been developed to enhance the capabilities of the WatchNET Access Control System Software and include control and monitoring of various automation functions. This easy to use unit can be deployed anywhere within the system and fully controlled either by the software or through the events in the system. This unit can be programmed according to the security level required at the control points. This device is enclosed in a strong, standard WatchNET cabinet with SMPS1260 Power Supply (12V DC). All the relays and I/O com inside WAI-168-ENC have protection circuits, to ensure stability in its operation.

Features:

- Built in 32 bit TI ARM® CortexTMM3 processor
- Communication Mode: TCP, RS232 & RS485
- Control capabilities include Events Flow Control
- Fully Programmable by WatchNET Access Software
- Include UDP Protocol
- CE, FCC, RoHS Approval

Specifications:

Outputs: 8 Outputs Relays (NC/NO)

Processor: 32Bits ARM (TI)

Comm. Speed: 19200/9600/4800

Data transfer: Online computer polling

Transmission Range: More than 1200m

Operating Current: ≤200mA

Working Temperature: -40°C~70°C

Data Retention: 1 Lithium battery (10 years)

Weight without Metal Case: 0.2Kg

Inputs: 16 Inputs (NO)

Communication: Built in TCP/IP, RS232/RS485 interface

Number of units on a bus: 127 Controllers maximum

Time Groups: 15 Time groups for each Relay

Operating Voltage: 12VDC or 110/220AC with PSU

Standby Current: ≤150mA

Data Memory: 512KB (protected)

Metal case Dimension: 403mm x 384mm x 72mm

Weight with Metal Case: 4.5Kg

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