

Single door network controller



WAC-1D2TH-MICRO
(Built-in HID Proximity Reader)



DESCRIPTION:

The **WAC-1D2TH-MICRO**, (WatchNET, C Series, Standalone, 1 Doors, 2 Readers) is an advanced standalone allowing for the connection of external reader with REX Button for exit.

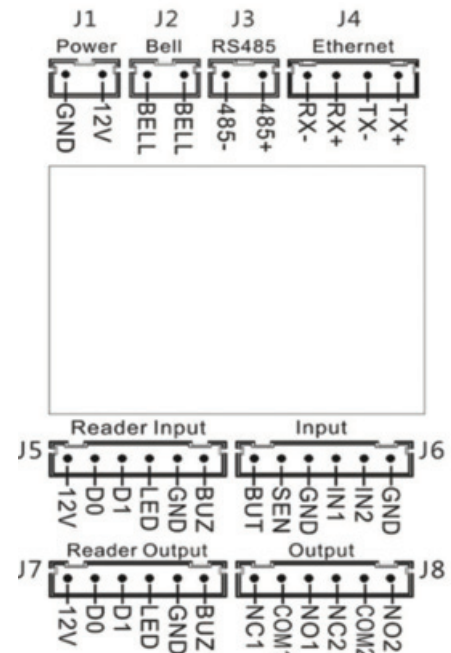
RANGE DESCRIPTION:

The WatchNET C Series access controllers consist of two different ranges (Access Control Panel, Standalone) which are interchangeable if required. Both can be used in a standalone or networked configuration mode, both ranges are compatible with the 3 Series Lift Controllers and Multi IO Controllers and both can be connected to a TCP/IP network.

FEATURES:

- 32 bit processor with 4M bit data memory
- Blue backlight, TouchPad
- Cards holder capacity: 30,000 events
- Transactions storage: up to 15,000
- Work Mode: Card / Card + PIN
- OLED dual color display to indicate Clock,
Company, Name, Card No
Communication: TCP/IP
- Compatible with all Wiegand reader format from 24 to 72 Bits
- Events Flow Control
- Supports 500 Visitors
- Including UDP Protocol
- Built-in HID Proximity Reader
- CE, FCC, RoHS approval

READER CONNECTORS:



| Technical Specifications | |
|---|---------------------------------------|
| CPU | Texas Instrument ARM® Cortex-M3 |
| Lock Output | 1 Door Relay (NC/NO) |
| Door Sensor | 1 Door Sensor (NO) |
| Request to Exit | 1 Exit Button |
| Auxiliary Relay Output | 1 Auxiliary Output Relay |
| Auxiliary Inputs | 2 Auxiliary Inputs |
| Card Reader Input | 1 Wiegand Reader Input |
| Communication | RS-232/RS-485 interface |
| Maximum number of Controllers on RS 485 | Up to 127 controllers per RS-485 bus |
| Online Computer Polling | Supported |
| TCP Communication speed | 100M |
| Time Groups | 15 Time Groups for 1 door |
| Maximum Card Capacity | 30,000 |
| Emergency Cards | 10 |
| Transaction Storage | 15,000 events |
| Maximum read range | E: 150mm, H: 10mm; M: 50mm (2.00 in.) |
| Modulation | EM: 125KHz |
| Communication Speed | 10/100M |
| Operating Voltage | 12VDC (±10%) |
| Operating Current | ≤ 100mA |
| Standby Current | ≤ 80mA |
| Working Temperature | -30°C to 65°C (-22°F to 150°F) |
| Operating Humidity | 0 to 95% |
| Dimensions | 117×86×22mm |
| Weight | 290 g (0.63 lbs.) |

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