

TC3XY series



Standard Features:

- RS232/RS485 interface
- 127 controllers max. for 1 RS485 bus
- TCP/IP interface (optional)
- Support online computer polling
- 15 Time groups for each door
- Door and Sensor relays
- Card capacity: 30,000
- Transaction storage: 15,000
- Communication speed: 19200/9600/4800 1,1,n
- Transmitting Range: more than 1200 meters.
- Power: 12VDC(±10%) or 110/220AC(50/60HZ) with power supply
- Consumption: <200mA
- Working Temperature: -40C~70C
- Data Memory: 512KB (protected)
- CPU 8bits, firmware upgradeable.
- 1 Lithium battery backup (up to 10 years retention)
- Metal case Dimension: 310mm x 175mm x 50mm
- Weight: 0.2Kg

TC312: Single Doors Access Controller

- 1 door relays output (NC/NO)
- 1 door sensor input (NO)
- 2 weigand readers input

TC322: 2 Doors Access Controller

- 2 door relays output (NC/NO)
- 2 door sensor input (NO)
- 2 weigand readers input

TC344: 4 Doors Access Controller

- 4 door relays output (NC/NO)
- 4 door sensor input (NO)
- 4 weigand readers input

TC348: 4 Doors Access Controller

- 4 door relays output (NC/NO)
- 4 door sensor input (NO)
- 8 weigand readers input

TC3XY series controllers are new design and state-of-the-art 4 door access controller by Tomcom Global Limited. It is a perfect low cost solution for today Intelligent Building.

TC3XY series controllers are developed as a compact, easy-to-use access controller, to be installed at sensitive locations for granting access to secure areas. The TC3XY works with various unit settings, according to the security level required at the location of the unit. This elegant device, made of strong metal housing, can be installed just about anywhere, as a stand-alone, contactless terminal. The sealed enclosure makes the TC3XY ideal for harsh and exposed environments that can easily damage standard unprotected terminals. All the relays and I/O com inside TC3XY have the protection circuit, to assure stability.

Access Control made easy

Access Control System is used to control and record employee entry/exit in or out of restricted areas. The recorded data may be automatically fed into an access control program, security program, statistical analysis or any other application.

Communication mode:

RS485bus, the data transmitting range is over 1200 meters. The speed is 19200/9600/4800 1,1,n.

Through a RS485 bus, the user can connect 127 sets of TC3XY controllers at the most. Then they can control 508 doors at that time. Each of them can work separately. When offline, it can record the data and transactions automatically. When online again, it can upload these information to sever PC automatically.

The required telecommunication cable is the two-core shielding line, wire resistance is 24 Ω /1000 ft max. Recommended cable is Belden 9501, Alpha 5471C or equivalent.

Connection Diagrams for TC3XY controller





