TA01U / TA01U4

Dimensions: 87mm x 87mm x 31mm

TA01F / TA01F4

Dimensions: 117mm x 116.5mm x 21mm

INTRODUCTION

The TA series proximity readers are cost effective solutions for access control and time recording solutions. While connecting them to the computer and running the Time Attendance software (in Windows), the program will stamp the date, time and card ID into the computer database, show up the associated picture with the specific ID on the computer screen, capture the photo if a PC camera is connected to the computer and release the electric lock if allow access.

A 9 to 12V DC supply is required to power the reader, which has a current consumption of less than 300mA.
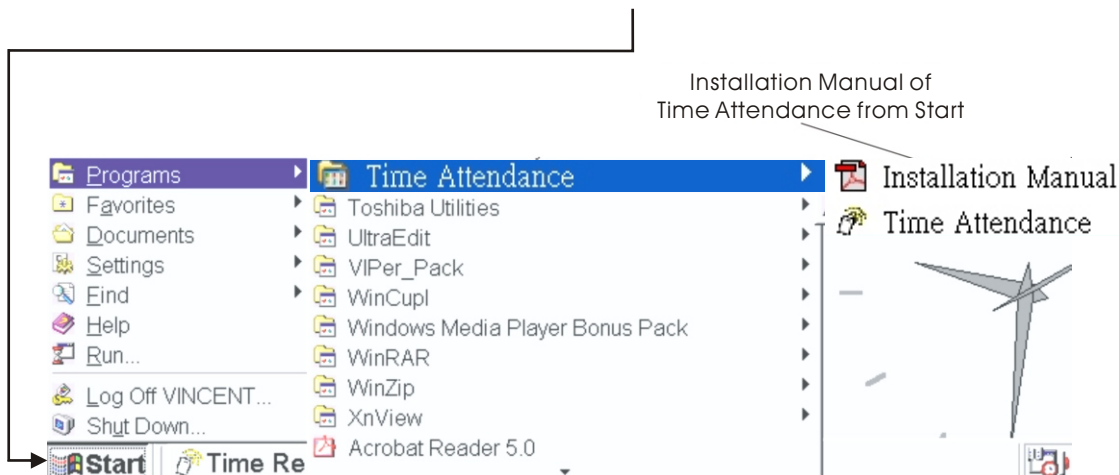
Quick Start:

1. For RS232 series products - connect the RS232 cable (straight through) from the computer to the terminal block of RS232 port. (See Terminal Layout)

   For RS485 series products - plug the TINY485 into the serial port of the computer. Then connect the converter to the reader according to the pinouts of the RJ45 connector.

Wiring Diagram for TINY485

PIN 6, +9V~12V 100mA
PIN 1, D-
PIN 2, D+
PIN 3, GND

Power Supply   **Rear View**
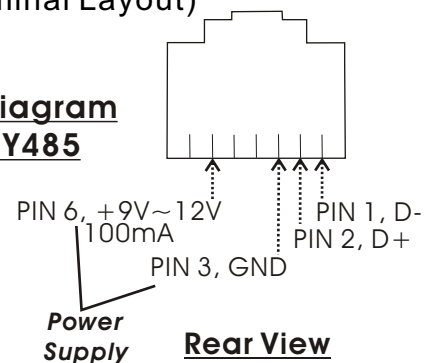
2. Connect a 9 to 12VDC supply to the terminal block of 9 -12V 300mA.

3. Turn on the computer.

4. Insert the Time Attendance CD into your computer's CD-ROM drive. The Installer will start by itself automatically. If the Installer doesn't start automatically, you can run the setup.exe program to install the software.

5. The detailed installation manual for the Time Attendance will be automatically installed into your computer when you install the application software. Follow the installation instruction to finish the installation and follow the Installation Manual of Time Attendance from *Start* for details of Time Recorder's Setup.

Installation Manual of Time Attendance from Start

Programs	▶	Time Attendance	▶	Installation Manual
Favorites	▶	Toshiba Utilities	▶	Time Attendance
Documents	▶	UltraEdit	▶	
Settings	▶	VIPer_Pack	▶	
Find	▶	WinCupl	▶	
Help		Windows Media Player Bonus Pack	▶	
Run...		WinRAR	▶	
		WinZip	▶	
Log Off VINCENT...		XnView	▶	
Shut Down...		Acrobat Reader 5.0		

Start | Time Re

Time Attendance Quick Start

4. Define the workgroup

- Auto IN/OUT Time
- Email
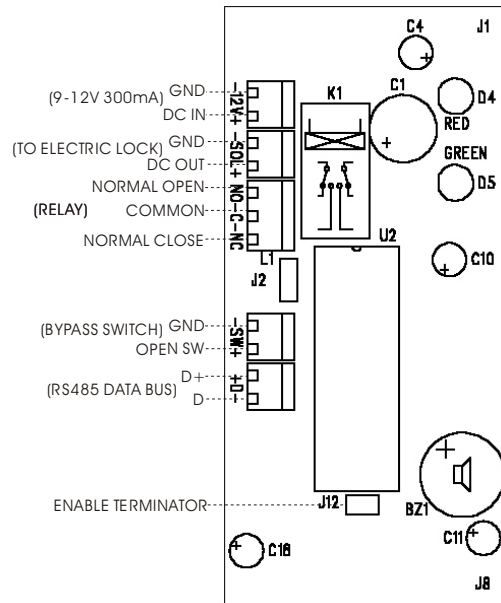- Group Definition
- Readers
- Webcam

Hide On Startup

Hide Webcam

3. Setup the RFID reader
Present the ID cards to the reader, GREEN led will on if the com port set up correctly.

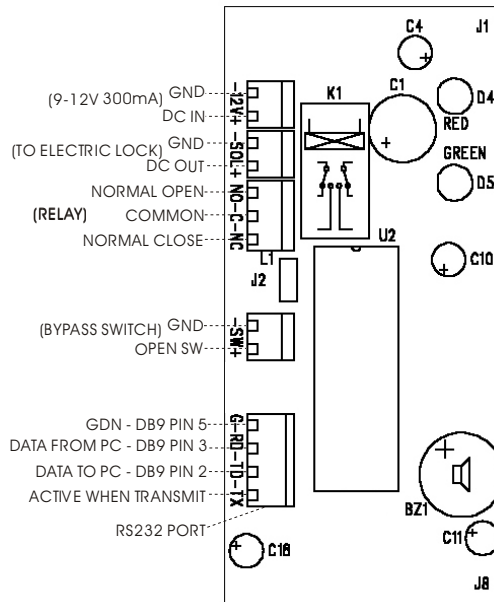5. Insert the CD ROM to the computer to ADD Cards and Edit Card Information

Time Attendance

Actions   Database   Setup   Card Manager   Reports

- Login
- Logout
- Set Password
- Hide to Systray
- Exit
- About Time Attendance

Card Manager:
- Add Cards
- Edit Card Information
- Print Cards
- Print Member List

2. Login the Time Attendance to start SETUP

1. Setup the password for LOGIN first

Terminal Layout

MODEL TA01F4 - RS485 reader

(9-12V 300mA) GND
DC IN
(TO ELECTRIC LOCK) GND
DC OUT
NORMAL OPEN
(RELAY) COMMON
NORMAL CLOSE
(BYPASS SWITCH) GND
OPEN SW
(RS485 DATA BUS) D+
D-
ENABLE TERMINATOR

MODEL TA01F - RS232 reader

(9-12V 300mA) GND
DC IN
(TO ELECTRIC LOCK) GND
DC OUT
NORMAL OPEN
(RELAY) COMMON
NORMAL CLOSE
(BYPASS SWITCH) GND
OPEN SW
GDN - DB9 PIN 5
DATA FROM PC - DB9 PIN 3
DATA TO PC - DB9 PIN 2
ACTIVE WHEN TRANSMIT
RS232 PORT

NOT USED

NORMAL CLOSE
COMMON   (RELAY)
NORMAL OPEN
GND (TO ELECTRIC LOCK)
DC OUT
GND (9-12V 300mA)
DC IN

OPEN SW
(BYPASS SWITCH)
GND

RS485 DATA BUS

ENABLE TERMINATOR
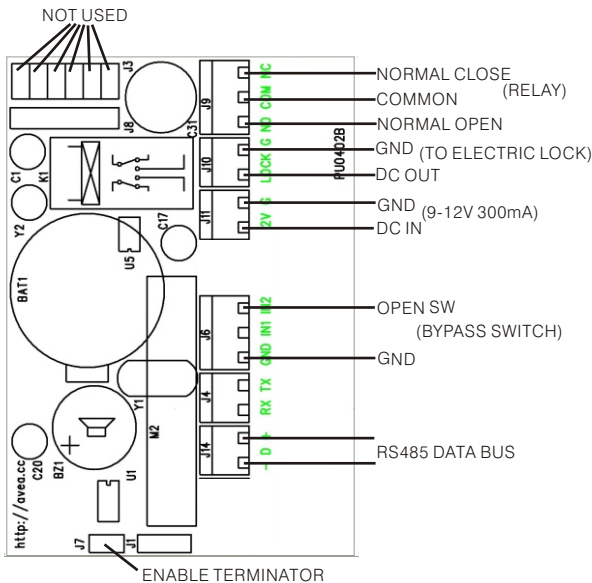
MODEL TA01U4 - RS485 reader

NOT USED

NORMAL CLOSE
COMMON   (RELAY)
NORMAL OPEN
GND (TO ELECTRIC LOCK)
DC OUT
GND (9-12V 300mA)
DC IN

OPEN SW
(BYPASS SWITCH)
GND
ACTIVE WHEN TRANSMIT

DATA TO PC - DB9 PIN 2
DATA FROM PC - DB9 PIN 3
GDN - DB9 PIN 5

RS232 PORT
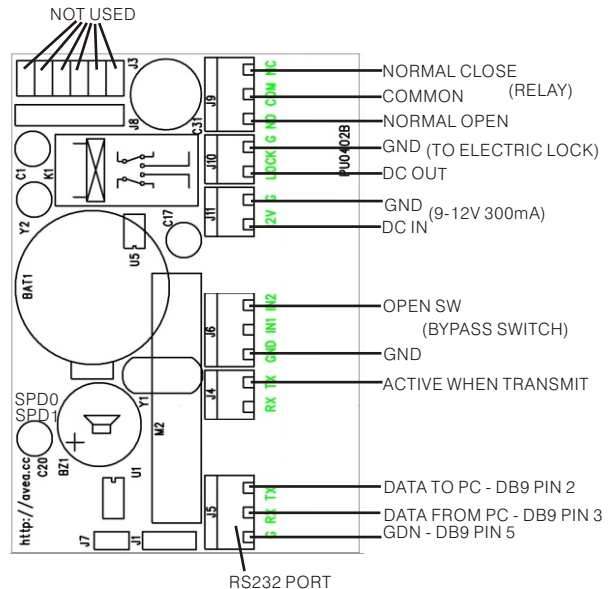
MODEL TA01U - RS232 reader