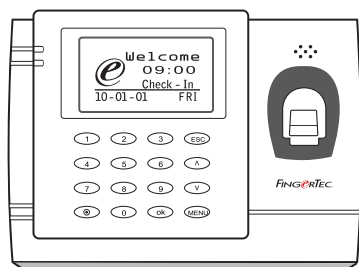


## Installation Guide



**AC100 Series**  
Fingerprint Time Attendance System

### Step 1 Determine the Location and Positioning of the Installation

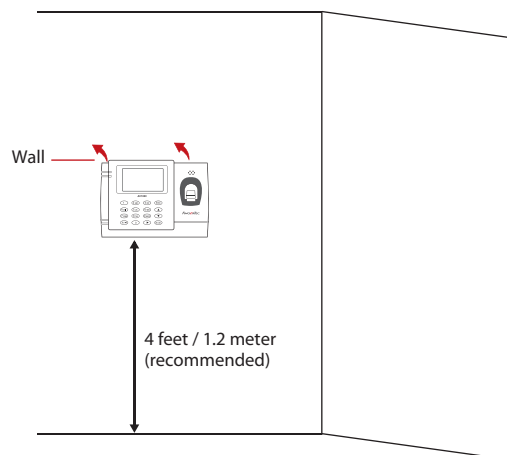
- Avoid installing the terminals in locations that has contact with a strong light source (e.g direct sunlight, spotlight, fluorescent light, etc)



- Avoid installing the terminals in locations with high moisture or condensation levels in the air
- The recommended installation height of the terminal from the ground is 1.2 meters.

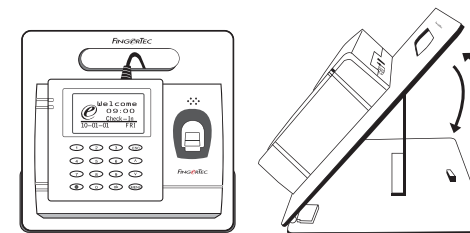
### Step 2 Mounting of Terminals

#### A. MOUNT ON WALL



- After determining the height of the terminal from the ground level and having made the relevant marks on the wall, based on the measurements in Appendix I, drill the screws into the wall to hang the terminal.

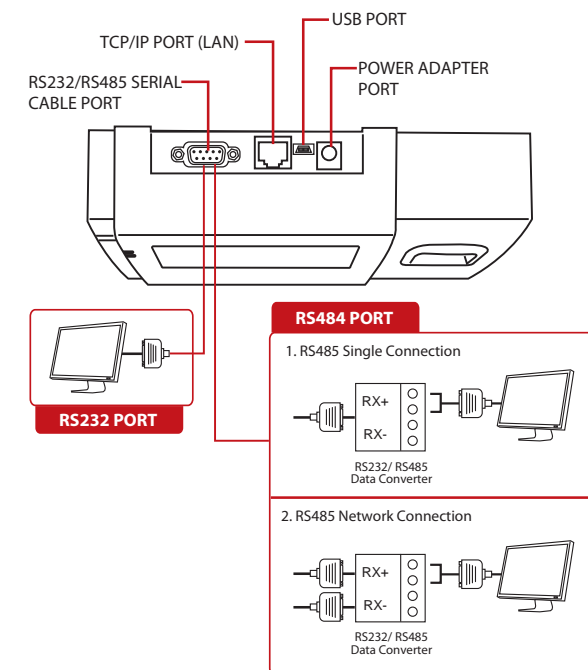
#### B. FLEXI- KIT



FingerTec offers flexi-kits for all its time attendance models. Attach the terminal on the flexi-kit for convenience.

### Step 3 Wiring for Power Supply

The power jack is positioned on top of the terminal, labeled Power Adapter Port in the below diagram.



Please use the power adaptor provided in the package or alternatively you can opt for a linear power supply with specifications of 5VDC 2A. Plug one point of the power adapter to the terminal and the other end to the power outlet. Don't exceed the recommended voltage or current to avoid damaging the terminal.

## Step 4 Setting Up Data Communications

(Skip this step if you are using USB flash disk to transfer data)

### TCP/IP – LAN Connection

For TCP/IP connection, plug the special RJ45 jack into the TCP/IP (LAN) Port of the terminal. Connect the other end (normal RJ45 jack) to the local area network hub or a PC. Configure the device ID, IP address, subnet mask and Gateway in the terminal (refer to the hardware user manual for details).

### RS232 – Serial Port Connection

Plug the communication jack that is provided in the package to connect to the communication port of the terminal. Select wires with label RX, TX and GND, and connect the other end of these wires to a DB9 female connector. Configure the device ID and baudrate of the terminal (refer to the hardware user manual for details). Use the normal RS232 cable to plug into the RS232 port of the terminal.

### RS485 – Serial Port Connection

Plug the communication jack that is provided in the package to connect to the communication port of the terminal. Select wires with label RS485+, RS485- and GND, and connect the other end of these wires to an RS232/485 data converter. Connect the other end of the data converter to a DB9 female connector. Configure the device ID and baudrate of the terminal (refer to the hardware user manual for details).

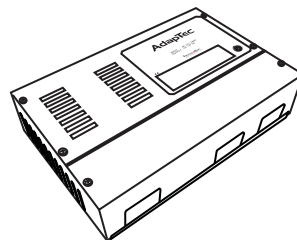
## Step 5 Finalizing the installation

1. Check that all cable connections are plugged in correctly.
2. Attach the terminal on the wall
3. Switch on the power to the terminal.
4. Start using the terminal.

## Other Accessories

**Note:** All Accessories are listed at <http://accessory.fingertec.com>

### AdapTec



#### AdapTec TA

The AdapTec TA is a 5VDC power supply inclusive of a 110~240VAC switching linear power. The AdapTec provides 5VDC power to the FingerTec terminal and charges a 12VDC 7.0Ah backup battery simultaneously. During an event of a power failure, the backup battery will automatically provide power to the terminal.

### Mini UPS



#### Mini UPS 5VDC

Mini UPS 5VDC is a mini portable backup power supply with 5VDC output, supplying 5VDC power for FingerTec Time Attendance terminals.

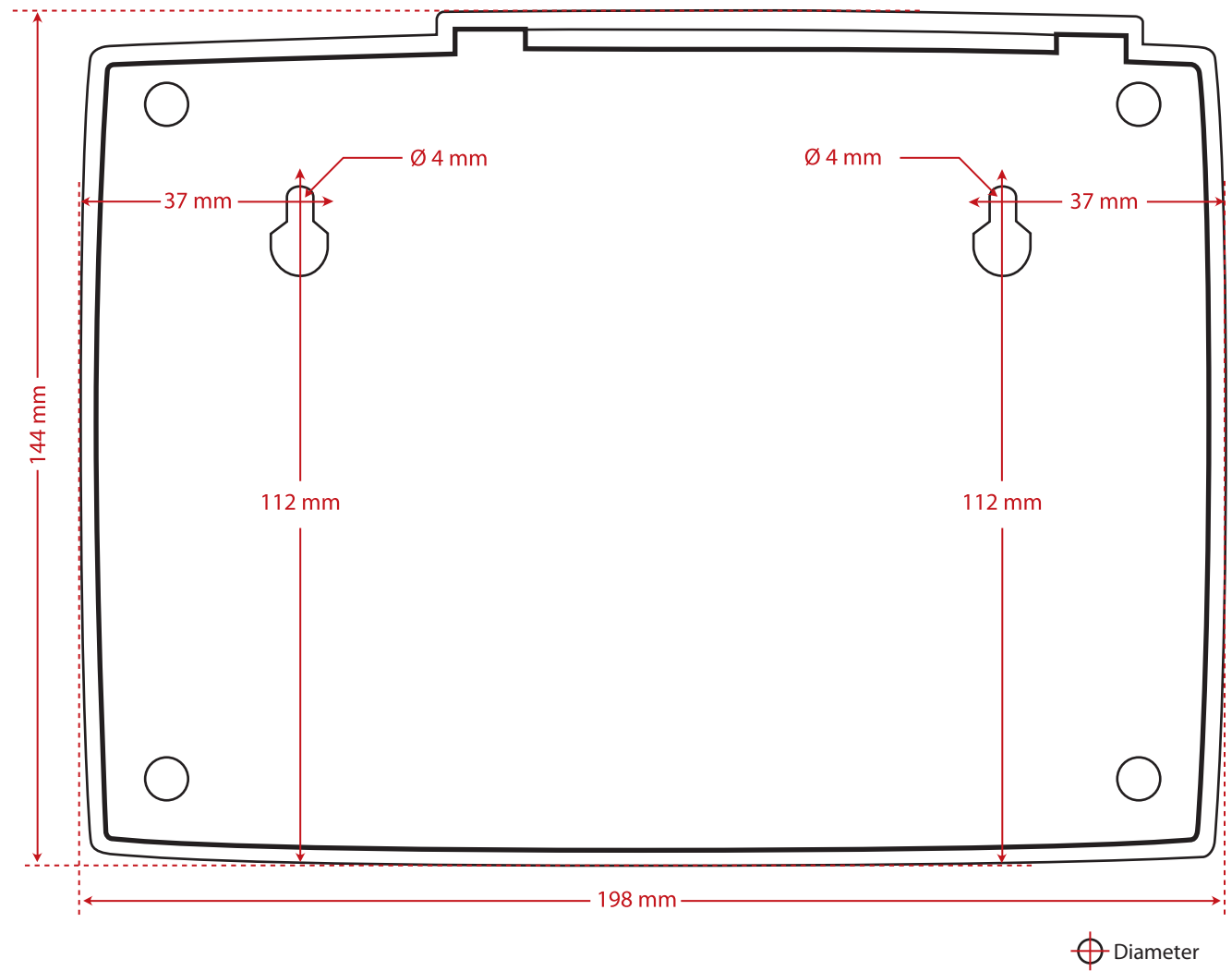
### Enclosures

FingerTec offers enclosures to protect the terminals from being meddled with by unauthorized persons.

### Flexi Kit

A foldable stand for FingerTec products, simplifies installation and makes it presentable. (Example on Step 2, B.)

**Appendix I**  
Terminal Dimensions and Measurements



Front View of AC100 Series Rear End