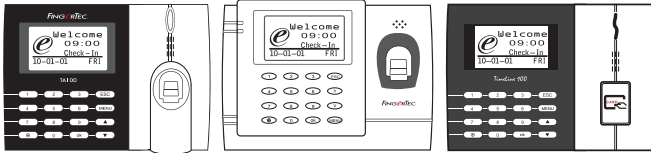




INSTALLATIONS & COMMUNICATION

Fingerprint & RFID Card Time Attendance System



AC100

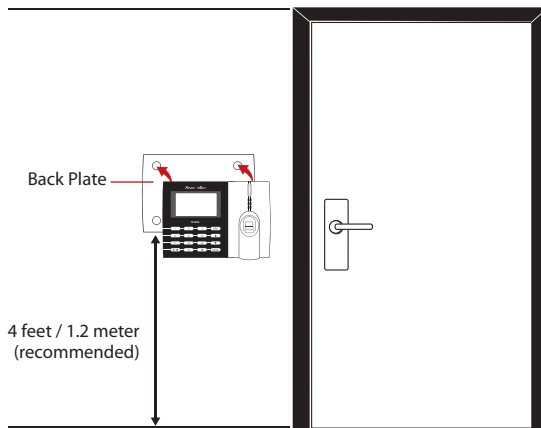
TA100

TimeLine 100

Installations

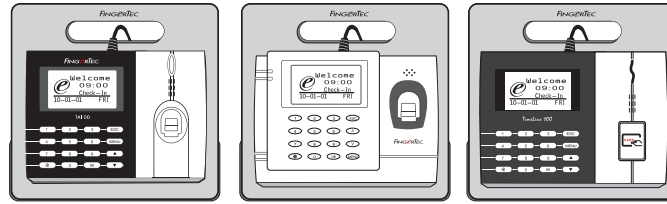
FingerTec terminals offer several connections for power and communications. Installations of FingerTec time attendance terminals are simple.

MOUNT ON WALL



Attached the back plate on the wall securely and attach the terminal to the back plate when mounting it on the wall. For AC100, screw two bolts on the wall to hang the terminal.

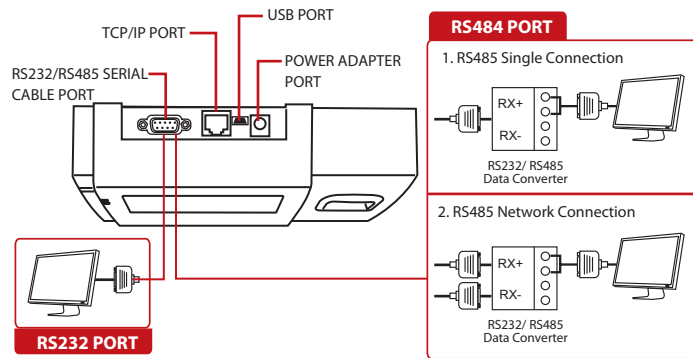
FLEXI-KIT



FingerTec offers flexi-kit for all its time attendance models. Attach the terminal on the flexi-kit for convenience and cosmetic purposes. View flexi-kit at accessory.fingertec.com

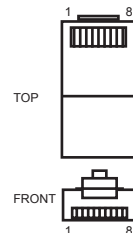
Communications

Connection points for power and communication are available on top of the terminals. Refer to the following diagrams for the terminals you require.



USB PORT

Linking with USB flash disk for remote data transfer.



TCP/IP PORT

Connect with CAT 5 cable for LAN connection, one end to this port and another end to the computer's TCP/IP Port.

TCP/IP for Single Connection – Linking the terminal to a single computer using TCP/IP requires Ethernet 10/100Base-T Crossover Cable. The cable can be used to cascade hubs or to connect Ethernet stations back-to-back without a hub. It works with both 10Base-T and 100Base-TX.

JOINT 1 PIN		JOINT 2 PIN	
TX+	1	3	RX+
TX-	2	6	RX-
RX+	3	1	TX+
RX-	6	2	TX-

TCP/IP for Network Connection – Linking the terminals to multiple computers using TCP/IP requires Ethernet 10/100Base-T Straight Thru Cable or "whips". The cable works with both 10Base-T and 100Base-TX, connecting a network interface card to a hub or network outlet.

CONNECTOR PIN	CABLE COLOR	CONNECTOR
TX+	1. White/Orange	1 TX+
TX-	2. Orange	2 TX-
RX+	3. White/Green	3 RX+
	4. Blue	4
	5. White/Blue	5
RX-	6. Green	6 RX-
	7. White/Brown	7
	8. Brown	8

POWER SUPPLY PORT

Insert the Power Adapter point to this port for power.

RS232/RS485/WIEGAND CONNECTION PORT

RS232 – Connection to a computer using RS232 cable.

RS485 Single Connection - Connection to a single computer using RS485 wire.

RS485 Network Connection - Connection to multiple computers using Daisy Chain connection.

Wiegand Output – Connecting with third party connector or terminal(s).

Security

Create password for a specific terminal here. Press Menu > Comm. > Security > Insert Terminal ID No and Password > Ok to save. The security password known as COM Key is intended for extra security. To connect the terminal with the software, the COM key inserted in the Software must be the same as the one inserted in the terminal or else connection cannot be established even though the activation key and product key are correctly inserted.