ANVIZ®

Intelligent Security

CE FC RoHS COMPLIANT ISO 9001 (2008)

TC550

Fingerprint & RFID Time Attendance and Access Control

EM | MiFare | HID

The best combination of
Time Attendance and Access Control

TC550 multi-functional wall mounted fingerprint & RFID time attendance and access control utilizes BioNANO core fingerprint algorithm with high speed and stability. Easy operation and installation. Voice prompt. Standard USB Device, USB Host, TCP/IP. Dry contact , Wiegand26 input and output. 6-digit work code, 15 groups, 32 time zones, 30 bell schedulers and 50 short messages. TC550 has standard TCP/IP module and RFID card reader. It has multiple identification methods such as fingerprint only, card only, ID+fingerprint, ID+password, password+card, fingerprint+card. Two in one: time attendance and access control function.

USA BioNANO®

Core Algorithm V10

Fingerprint - Facial - Iris

Fast fingerprint scan
in less than 0.5 second

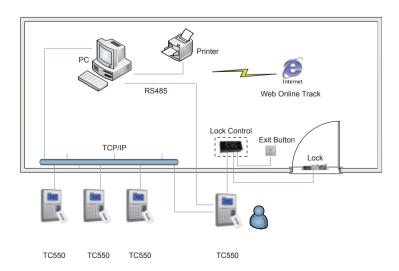| Waterproof Dustproof Scratchproof Fingerprint Sensor AFOS300 | 2,000 Fingerprint Capacity | USB Mini USB Slave | Network IP Connection | USB Flash Drive Host | Inbuilt Proximity Card Reader | Powerful Access Control |

✚ Feature

— Texas Instruments 32-bit high speed CPU of low power consumption

— BioNANO V10 core fingerprint algorithm of high speed and stability

— New generation waterproof, dustproof and scratchproof AFOS300 fingerprint sensor

— Clear voice prompts along with all operations

— Mini USB Slave. No driver needed

— TCP/IP connectivity

— USB Flash Drive Host

— Realtime data transfer and WEB online tracking

— Optional inbuilt Mifare or HID card reader

— Various employee authentication methods

— Easy combination of fingerprint, password and card

— Fast fingerprint scan in less than 0.5 second

— 16 different customizable time and attendance status

— 6-digit work code to calculate different job cost

— Public and private short message display

— Support 12V power supply for electric/magnetic locks

— Relay output for easy integration with bell ring or electric/magnetic lock system

— Advanced access control with 15 groups and 32 time zones available

— Standard Wiegand output for seamless integration with access controller

— Wiegand input to connect external fingerprint, card or keypad reader

— Support multiple display and software language

✚ Parameter

Item	Description
Processor	32-bit ARM MCU
Algorithm	BioNANO V10
Sensor	AFOS300 Optical Sensor
Scan Area	22mm*18mm
Resolution	500 DPI
LCD	128*64 Blue LCD
Fingerprint Capacity	2000
Card Capacity	2000
Log Capacity	50000
Identification Mode	FP, Card, ID+FP, ID+PW, PW+Card, FP+Card
Identification Time	<0.5 Sec
FRR	0.001%
FAR	0.00001%
Communication Interface	Mini USB Slave, USB Flash Drive Host, TCP/IP, Wiegand In&Out, optional RS232
Card Reader Module	Standard EM, optional Mifare and HID
Fingerprint Image Display	Yes
Self-defined Status	16
Workcode	Yes
Short Message	50
Scheduled Bell	30
Relay	DC 12V, Relay Output(COM, NO, NC)
Access Groups & Time Schedules	15 Groups, 32 Time Zones
Size	126(w)*189(h)*35(d)mm
Temperature	-10℃~40℃
Operating Voltage	DC 12V
Certificates	FCC, CE
Applicable Situation	Up to 1000 Employees

✚ Topology

PC
Printer
RS485
Internet
Web Online Track
TCP/IP
Lock Control
Exit Button
Lock
TC550   TC550   TC550   TC550

AIM Standalone Access Control

AIM SAC is standalone access control software which integrates time & attendance and access control function. Able to directly control access control machine, also could through the security module for linkage installation.It is a good assistant to have a quick setup of separate entrance guard system. Also integration time attendance function meet different client requires.