
# ZKTECO NG-TC2 Cloud Based Fingerprint Time Clock Owner's Manual



**ZKTECO NG-TC2 Cloud Based Fingerprint Time Clock**

Contents



## Brief Introduction

**NG-TC2** is a 2.8-inch TFT screen Cloud Time Clock, TCP/IP communication is a standard function that ensures smooth data transmission between the terminal and PC within several seconds. The dual-band Wi-Fi function provides a stable and fast data transmission experience, ensuring real-time synchronization of attendance data without delay. The built-in high-efficiency backup battery ensures the continuous and stable operation of the attendance machine, and there is no longer any need to worry about data loss or attendance interruption.

**NG-TC2** is connected to a cloud-based application–NG TECO Office, designed for office efficiency and security. It simplifies tasks like managing access permissions, organizational profiles, and attendance records. The software features sections for Organization Management, Device Management and Attendance. It displays the current organization, device overview, and daily attendance record, providing administrators a centralized interface to manage attendance, monitor device statuses, and oversee all organizational details. it also includes options for managing personnel departments, sites, zones, resignations, and credentials.

## Fingerprint Time Clock

- Fingerprint

- RFID

- 2.4G/5GHz Wi-Fi Bluetooth 4.2

- Built-in Backup Battery

## Compatible with

| | |
|---|---|
| NG ECO OFFICE | Download on the App Store |
| | GET IT ON Google Play |

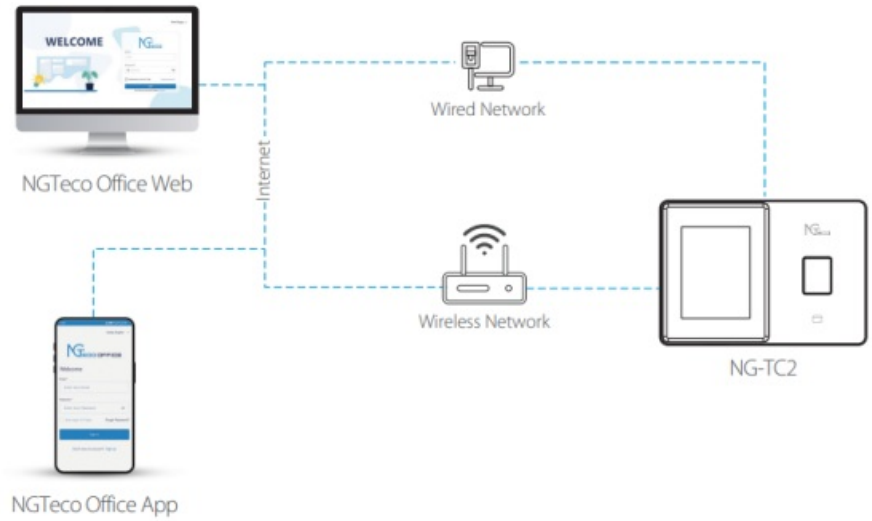
## Features

- Easy to monitor and straight-forward services
- Reduces management cost for attendance related procedures
- Unified management of device
- Setting up timesheet and staff schedule anytime, anywhere
- Advanced attendance analytics
- Granular visibility into attendance patterns
- Greatly reduces month-end hassles and compliance challenges
- Data encrypted in the cloud, safe and secure

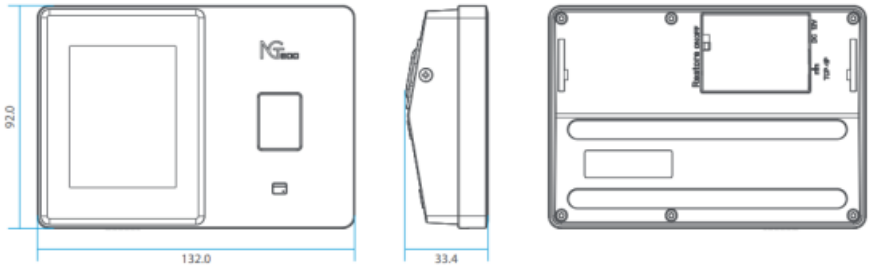
## Specification

| | |
|---|---|
| Model | NG-TC2 |
| Display | 2.8″@ TFT Color LCD Screen (320*240) |
| Operation System | Linux |
| Hardware | **CPU:** Dual Core@1GHz<br>**RAM:** 128M; ROM: 256M Fingerprint<br>**Sensor:** Z-ID Fingerprint Sensor |
| Authentication Method | Fingerprint / Card |
| User Capacity | 100 (1:N) (Standard) |
| Fingerprint Template Capacity | 100 (1:N) (Standard) |
| Card Capacity | 100 (1:N) (Standard) |
| Transaction Capacity | 10000 (1:N) |
| Biometric Verification Speed | less than 0.5 second (Fingerprint Authentication) |
| False Acceptance Rate (FAR) % | FAR≤0.0001% (Fingerprint) |
| False Rejection Rate (FRR) % | FRR≤0.01% (Fingerprint) |
| Biometric Algorithm | NG Finger 13.0 |
| Card Type | ID Card@125 kHz |
| Communication | TCP / IP<br>Bluetooth 4.2<br>Wi-Fi (IEEE802.11a / b / g / n / ac) @ 2.4 GHz / 5 GHz |
| Standard Functions | Web Server, DST, 14-digit User ID, Cloud Upgrades |
| Optional Functions | Backup Battery |
| Power Supply | DC 12V 1.5A<br>Backup Battery |
| Backup Battery | 2000 mAh (Lithium Battery)<br>**Max. Operating Hours**: 2 Hours<br>**Max. Standby Hours**: Up to 6 Hours<br>**Charging Time**: 2 to 2.5 Hours |
| Operating Temperature | 0°C to 45°C |
| Operating Humidity | 20% to 80% RH (Non-condensing) |
| Dimensions | 132.0 mm * 92.0 mm * 33.4 mm (L*W*H) |
| Gross Weight | 0.75KG |
| Net Weight | 0.292KG |
| Supported Software | NG Teco Office |
| Installation | Wall-mount / Desktop |
| Certifications | ISO 14001, ISO9001, CE, FCC, RoHS |

## Configuration




## Dimensions (mm)




## Attachment 1

“Hereby, ZKTECO CO.,LTD declares that this Product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

“This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.”

## Customer Support

www.ngteco.com
NGTECO CO., LIMITED
service.ng@ngteco.com


## Documents / Resources

| | |
|---|---|
|  | ZKTECO NG-TC2 Cloud Based Fingerprint Time Clock [pdf] Owner's Manual<br>10601, 2AJ9T-10601, 2AJ9T10601, NG-TC2 Cloud Based Fingerprint Time Clock, NG-TC2, Cloud Based Fingerprint Time Clock, Fingerprint Time Clock, Time Clock, Clock |

## References

- User Manual