

TM-88

FINGERPRINT TIME RECORDER
WITH ACCESS CONTROL



1,000
FINGERPRINT



TOP/IP



ACCESS
CONTROL



EM CARD



RS485



PASSWORD



ATTENDANCE
SOFTWARE



EXCEL
REPORT



SIMPLIFY YOUR TIME RECORDING

Union-Attend complete time & attendance systems feature a powerful and easy to use software bundled with NIDEKA advanced fingerprint time recorder.

NIDEKA[®] TM-88 FINGERPRINT TIME RECORDER WITH ACCESS CONTROL

Features



Highly Accurate Fingerprint Recognition:
Optical fingerprint sensor with scratch resistant surface



Lightning Fast Fingerprint Recognition:
"Tick Tock", a second, you are either rejected or accepted by our TM-88



Smart Fingerprint Update:
Automatically analyze the tiny difference of the latest fingerprints vs the previous fingerprints and update accordingly to ensure the high accuracy and the optimum speed of fingerprint recognition



Ultra Low False Acceptance Rate:
One in a million attempts, there may be a false acceptance happened. Nevertheless, it is a "may".
In other words, FAR \leq 0.0001%



Data Communication Channel:
Data transfer via RS485, USB Link, TCP/IP, Wiegand



Multiple Authentication Method:
Fingerprint + EM Card + PIN, Fingerprint + EM Card, Fingerprint + PIN, EM Card + PIN



Flexible Time Period Recording:
Regular: In/Out, Overtime: In/Out time, Out of Office: In/Out time recording



Door Access Control:
Support 50 time zones of door access, every staff can assign 5 different time zones for door access.

Specifications

Display	2.8" TFT True Color LCD 320 x 240 pixels
Combination	fp+card, pin+card, fp+pin+card
Dimensions	L180 x W130 x H42 (mm)
Operation	Offline
Power Supply	DC9V
Authentication Methods	Fingerprint, Password, EM Card (Optional)
Fingerprint Verification Mode	1:1, 1:N
Fingerprint Sensor Area	16 x 14 (mm)
Verification Speed	\leq 1.5s
Max. Fingerprint Records	1,000 / 3,000 (optional)
Max. Attendance Records	100,000
Communication	RS485, USB Cable, TCP/IP, Wiegand
Display Language	English / Traditional Chinese
Attendance Management	Yes (Union-Attend Attendance Management System)
Door Access Control	Yes (Optional)
Attendance Record Check	Yes
Time Bell	Yes
Operating Humidity	20°C - 60°C
Operating Temperature	0°C - 45°C

Connection Diagram

➤ Connecting to Server via LAN / WAN



➤ Connecting to Server via USB Cable



Union-Attend[®] TIME AND ATTENDANCE MANAGEMENT SOFTWARE

Union-Attend[®] Time and Attendance Software helps you manage your workforce and track employee time and attendance in an easier, more efficient and affordable way. The Union-Attend[®] intuitive, easy to use interface will dramatically reduce the number of hours required to process employee time and attendance and automatically calculate total worked hours including overtime, vacation, sick days and holidays. With the click of a button employee data can be imported to create many informative time and attendance reports.

CAT-TM-88(ENG)