



友聯商業機械有限公司™  
Union Business Machines Co., Ltd.

# NIDEKA®

## NU-2112 Fingerprint Time & Attendance Recorder with Access Control

3.2" TFT True Color LCD









Glossy Surface Design

High Visible Angle with Great Images



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### Features

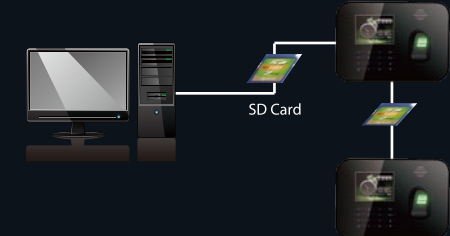
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**Highly Accurate Fingerprint Recognition:**  
 Optical fingerprint sensor with scratch resistant surface
  
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**Lightning Fast Fingerprint Recognition:**  
 "Tick Tock", a second, you are either rejected or accepted by our NU-2112
  
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**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
  
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**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 ≤ 0.0001%
  
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**Data Communication Channel:**  
 Data transfer via RS485, USB Link, USB Disk, SD Card, TCP/IP
  
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**Multiple Authentication Method:**  
 Fingerprint + EM Card + PIN, Fingerprint + EM Card, Fingerprint + PIN, EM Card + PIN
  
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**Flexible Time Period Recording:**  
 Regular: In/Out, Overtime: In/Out time, Out of Office: In/Out time recording
  
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**Door Access Control:**  
 Support 50 time zones of door access control, every staff can assign 5 different time zones for door access.

### Specifications

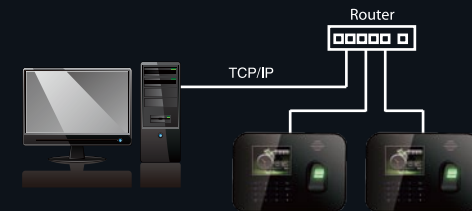
Platform	AS603
Algorithm	SmackFinger v3.0
Dimensions	L198 x W133 x H39 (mm)
Operation	Offline
Power Supply	DC9V/DC5V
Authentication Methods	Fingerprint, Password, EM Card (Optional)
Fingerprint Verification Mode	1:1, 1:N
Fingerprint Sensor Area	16 x 14 (mm)
Verification Speed	≤ 1.2s
Max. Fingerprint Records	1,000
Max. Management Records	10,000
Max. Attendance Records	100,000
Display	3.2" TFT True Color LCD 320 x 240 pixels
Display Language	English / Traditional Chinese / Simplified Chinese / Others (Optional)
Smart FP Update	Yes
Attendance Record Check	Press OK Button for Checking
Time Bell	Yes
Door Access Control	Yes (Optional)
Backup Battery	≤ 4 Hours (Optional)
Interface	USB Link, SD Card RS485 (Optional) USB Disk (Optional) TCP/IP (Optional) Wiegand 26/34 bits with 1 In & 1 Out (Optional)
Proximity Card	EM Card / MIFARE Card (Optional)

### Connection Diagram

#### ➤ Uploading / Downloading Data via SD Card



#### ➤ Connecting to Server via LAN / WAN



#### ➤ Connecting to Server via USB Cable



Distributor:

