



**FVC  
1st**

Fingerprint Verification  
Competition

[www.nitgen.com](http://www.nitgen.com)

# Fingkey Access 2



**NITGEN**  
biometric solutions

## Specification

Model	SW101-M2	
CPU	32 bit/ 400MHz	
Memory	64MB DRAM/ 32MB Flash	
Display	122 × 32 Graphic LCD	
Sensor	Optical/ 500 DPI	
Authentication Type	Fingerprint, Password, RF Card	
Time	1:1	< 1 sec
	1:N	< 1.5 sec (1,000 templates)
Template Capacity	20,000 templates (2 templates/ 1 finger, 10,000 users)	
Log Capacity	100,000 logs	
Communication	TCP/IP, RS232, RS485, Wiegand In/Out	
Lock	Deadbolt, EM Lock, Door strike, Automatic Door	
Environment	-20 ~ 60 °C / RH 90%	
Certificate	KC, CE, FCC	
Dimensions	77 (W) × 178 (H) × 50 (D) mm	

## Product Family

Model	Description
SW101-M2(S)	Standard (Fingerprint, Password)
SW101-M2(M)	Standard, High Frequency Card (13.56MHz) - Mifare
SW101-M2(R)	Standard, Low Frequency Card (125kHz) - HID, EM

## Features

- Superior Matching Engine
  - 1<sup>st</sup> rank in FVC (Fingerprint Verification Competition)
- Touch Keypad
  - Touch Keypad with back light
  - Easy use at night
- IP65 Certification
  - Dustproof/ Waterproof structure
  - Outdoor installation
- Diverse Authentication Types
  - Fingerprint, RF Card and Password
  - Multiple Authentication
- Live Finger Detection
  - Optical sensor and algorithm detect fake fingers.

## S/W Package

>> AccessManager Pro.

Item	Contents
Component	AccessServer / AccessManager / DBMS
Max. Accessing Terminal	2,000 EA
Max. Remote Client	16 (Access Manager)
OS	Windows XP or higher
Max. User	100,000 User ( in the Server )
DBMS	MS SQL 2005 or higher, MS SQL Express 2005 or higher
Similar Fingerprint Check	O

## System Configuration

