



FVC
1st

Fingerprint Verification
Competition

www.nitgen.com

Fingkey Access 2



NITGEN
biometric solutions

Specification

Model	SW101-M2	
CPU	32 bit/ 400MHz	
Memory	64MB DRAM/ 32MB Flash	
Display	122 x 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) x 178 (H) x 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
 - 1st 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

