



FVC
1st

Fingerprint Verification
Competition

www.nitgen.com

FingkeyAccess



Specification

CPU	32 bit / 200MHz	
Memory	8MB DRAM / 8MB Flash	
Display	122x32 Graphic LCD (B&W)	
Sensor	Optical / 500 DPI	
Authentication Type	Fingerprint, Password, RF card	
Time	1:1	< 1 sec.
	1:N	< 2 sec. (2,000 templates)
Template Capacity	2,000 templates (2 templates / 1 finger, 1,000 User)	
Log Capacity	20,000 logs	
Communication	TCP/IP, RS485(TBD), Wiegand In/Out (26/34bit)	
Lock	Deadbolt, EM Lock, Door Strike, Automatic Door	
Environment	-20~60°C / < RH 90%	
Certificate	KC, CE, FCC	
Dimensions	77 x 178 x 50 mm	

Product Family

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

Features

- IP65
- Waterproof & Dustproof
- Superior Matching Engine
- 1st rank in FVC (Fingerprint Verification Competition)
- Function Key
- User-defined functions (F1~F4)
- Clock In / Clock Out / Absence / Return
- Various Authentication Type
- Fingerprint, RF card, Password
- Mixed Authentication Type (ex. Fingerprint & RF Card)
- Touch Keypad

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

