

Fingkey Hamster II™

Access Control
Solution

FINGKEY Hamster II has a fingerprint sensing function and is a cutting-edge fingerprint sensor that prevents use of fake fingerprints. It can be connected to PC along with a normal mouse and used for all the areas involving passwords and will be a competent security gadget without having to use a password, which is often hard to remember and misused by unauthorized persons.

Features

- It perfectly verifies the authorized user with its fake fingerprint identification function.
- It makes accurate user identification with its excellent algorithm technology and accuracy.
- Up to 5000 fingerprints included in standard license. Expandable up to 20.000 fingerprints or more using eNSearch.
- It is well designed for convenient use.
- It has high durability that ensures robustness.
- Excellent abrasion ability (Prism Hardness 7 Moh), equivalent to quartz.
- It ensures speedy verification.
- Dry fingers are also well sensed.
- It can be used in various client/server and Internet environments as well as for computer security.

Component

Solution Name	Item	Description
Package	S/W	eNDeSS Professional
	H/W	Fingkey Hamster II
Bulk	H/W	Fingkey Hamster II

Function

- Live Finger Detection
- Auto-on
- USB 2.0 FULL Speed / High Speed
- Multi Device
- CC

Specifications

Item	Description
Interface	USB 2.0 (Full Speed / High Speed)
Fingerprint Sensor	Optical type
Resolution	500 [DPI]
Size	61(W) x 80(L) x 47(H) (mm)
Operation System	Windows 98SE / ME / 2000 / XP / 2003
Temperature	0 ~ 40 [°C]
Voltage	DC 5 [V]
Certificates	MIC, CE, FCC

Software Package (eNDeSS)

- User Management
- Verification DB Management
- Log Management
- Screen Saver
- Log on
- Systemrestriction
- File Encryption
- DB Backup

Application Areas

- Security for computer and network
- e-commerce
- Security for banking and financial institutes for user authentication
- Medical information system
- Other fields requiring user authentication (SSO, CRM, Electronic payment and etc)

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SDK (Software Developer's Kit)

- Optimal API for fingerprint identification software development.
- Fast and easy applications with a detailed user's manual and sample codes.
- Provide user friendly wizard package / program for fingerprint enrollment and authentication.

Name	Edition	Item	Description
eNBSP SDK	Windows	Matching	1:1, 1:N
		OS	Windows 95 / 98 / ME / NT4.0 / 2000/XP
		PC	Pentium III or higher
		Development Language	VC++, VB, ASP, Delphi, .NET, etc
		eNSearch	1:N Matching Engine (large / medium size : Requires additional License fee)
	Linux	CPU	Intel Pentium
		Kernel	Linux Kernel 2.6 or later Red Hat 9.0 or later (advise kernel update)
		USB	USB 1.1 OHCI / UHCI
		Device	NITGEN Fingkey Hamster (only USB Type)
		DevTool	QT 3.1.1 (for Demo)
		Comiler	GCC 3.x

