

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.
- It is well designed for convenient use.
- It has high durability that ensures robustness.
- 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
- System Restriction
- 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 이상 |
| | | 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 |

