

# Fingkey Hamster

Fingkey Hamster is an optical fingerprint identification scanner with cutting edge technology from NITGEN. There are different types of scanners available on your needs, each one shows excellent performance of NITGEN optimal algorithm, accuracy and outstanding durability. Your system will be completely secure with NITGEN fingerprint scanners against any possible attack.







## Features

- ☒ It verifies the authorized user with its fake fingerprint identification function (Fingkey Hamster III)
- ☒ It makes accurate user identification with its excellent algorithm.
- ☒ It has high durability that ensures robustness.
- ☒ Dry fingers are also well sensed.
- ☒ Automatically activated when finger placed on sensor
- ☒ It is usable at various angles you wish to use (Fingkey Hamster III)
- ☒ Applicable to personal identification devices through fingerprint identification in diverse fields.

## Applications

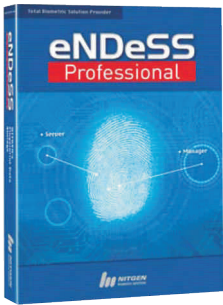
- ☒ Security for computer and network
- ☒ e-commerce
- ☒ Security for banking and financial institutes for User Authentication
- ☒ Medical information system
- ☒ Other fields requiring user authentication (SSO, CRM, electronic payment and etc)

## Specification

Item	Fingkey Hamster DX	Fingkey Hamster III	eNBioScan-C1	Fingkey Mouse III
Product Image				
Sensor	OPP06	OPP06	OPP08	OPP06
Dimension	54x74x82.6(mm) 27.2X40.4X73.3(mm)	68x68x81(mm) 30x48.5x70(mm)	39x88.7x88.7(mm)	62x112x40(mm)
Image size	248X292 pixels	248X292 pixels	260X330 pixels	248X292 pixels
Interface	USB2.0/1.1 High/Full speed	USB 2.0 High/Full speed	USB 2.0 High/Full speed	USB1.1 High/Full speed
Resolution	500 DPI	500 DPI	500 DPI	500 DPI
Image acquisition time	Full Speed : Avg. 500msec High Speed : Avg. 300msec		Full Speed : Avg. 500msec High Speed : Avg. 300msec	Full Speed : Avg. 500msec
Operation Temperature	60°~20°C			40°~0°C
Humidity	<Rh%90			
Power Source	USB BUS Power			
Supported OS	Windows 2k/XP/Vista/7, Windows Server 2008/2003/, Linux Kernel 2.6 or later			Windows 2k/XP/Vista/7, Windows Server 2008/2003
Auto-on Function	○	○	○	x
Certificate	KC,UL,CE, FCC	KC,UL,CE, FCC	KC,UL, FCC, FBI PIV, FIPS201	KC,UL,CE, FCC
Remarks		Change to Two type model	Scanner body rotates	

## Software Package

### eNDeSS Professional



eNDeSS Professional is a PC security software solution using fingerprint recognition technology, providing the unique security function meeting CC (Common Criteria.)

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



### eNBSP SDK



Enbsp SDK is a software Development kit, combining the existing BSP (Biometric Solution Provider) and 1:N fingerprint engine, not only for regular fingerprint application, but also for and application using fingerprint DBs of large capacity with high fingerprint search. It provides High Level API (Application Programming Interface) which allows easy and swift implementation of software and UI (User Interface) of the wizard type, so that it saves user's time and effort in developing an application.

