

BAYOMETRIC

Fingkey Hamster DX

FINGERPRINT DEVICE WITH COMPACT SENSOR



PRODUCT DESCRIPTION

The Nitgen Fingkey Hamster I DX is one of the most functional and convenient fingerprint readers that can be used for PC-Infra security solutions. The fingerprint reader is equipped with Nitgen's award winning matching and verification algorithm that can yield results in a matter of milliseconds. The reader is crafted for durability and is resistant to shocks, vibrations and other mechanical impacts, making it suitable for even rough operating conditions.

The Fingkey Hamster I DX is a plug and play device. It consists of a USB 2.0 interface that enables it to transfer data at speeds of 480 Mbps. The scanner also supports multiple device handling. What truly makes the Nitgen Fingkey Hamster I DX a must have device is its advanced optical technology in Fingerprint imaging. The scanner captures images and is capable of Live Finger Detection. It is also Auto-On enabled thus helping it save power when not needed for imaging. The captured images use WSQ compression techniques and the images are consistent in quality even if the finger used is dry, wet, aged or scarred.

APPLICATIONS

Computer security
IT solution (Groupware, etc.)
e-commerce
Security for bank and financial system
Health care system
Substitution for password

KEY FEATURES

Advanced optical technology
Superior matching engine
Sensor resistant to scratches, impact, vibration and electrostatic shock
Strong Performance for wet/dry finger
International Standard Image Format and Interfaces

TECHNICAL SPECIFICATIONS

Fingerprint Sensor	Optical
Resolution	500 DPI / 256 gray
Sensing Area	12.6 x 14.8 mm
Image Size	248 x 292 pixels (260 x 300 pixels)
Interface	USB 2.0 High speed / Full speed, Plug & Play
O/S	Microsoft Windows, Linux
Operating Temp.	-20 ~ 60°C
Certification	KC, CE, FCC, UL, RoHS, WHQL
Duration	Over 1 million fingerprint capture
Size (w x L x H)	54 x 74 x 82.6 mm (with stand) 27.4 x 40.5 x 73.7 mm (without stand)

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ABOUT BAYOMETRIC

Bayometric is a leading global provider of biometric security systems offering core fingerprint identification solutions. Our products and solutions help enterprises, government agencies, custom application developers and system integrators meet their security, identification and access management requirements.