



FVC
1st

Fingerprint Verification
Competition

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USB Fingerprint Scanner



 **NITGEN**
biometric solutions

Features

- Strong Performance for Wet/Dry Finger
 - Clear image from the wet finger
- USB Connection
 - USB 2.0 compatible interface, plug and play device
- Advanced Optical Technology
 - Resistant to scratches, impact, vibration and electrostatic shock
- Superior Matching Engine
 - 1st rank in FVC (Fingerprint Verification Competition)
- International Standard Image Format and Interfaces
 - WSQ compression
 - ISO 19794-2/4, ANSI378, NFIQ
- High Quality Image Capturing
- SDK (Software Development Kit) Provided

Specification

Item	Fingkey Hamster DX	Fingkey Hamster II DX	Fingkey Hamster III	eNBioScan-C1	eNBioScan-F2
Image					
Model	HFDU06	HFDU06M	HFDU06S	HFDU08	FDU10
Sensor	OPU06	OPP06	OPP06	OPU08	
Module	FDU06	FDU06	FDU06	FDU08	
Dimensions	54 x 74 x 82.6 mm (With stand)	48.5 x 66.3 x 82.1mm	68 x 68 x 81 mm (With stand)	39 x 88.7 x 88.7 mm	41 x 72.4 x 31 mm
	27.4 x 40.5 x 73.7 mm (Without stand)		30 x 48.5 x 70 mm (Without stand)		
Platen Area	14.8 x 17.9 mm	14.8 x 17.9 mm	14.8 x 17.9 mm	16 x 18 mm	27 x 27 mm
Sensing Area	12.6 x 14.8 mm	12.6 x 14.8 mm	12.6 x 14.8 mm	13.2 x 16 mm	20 x 25 mm
Image Size	248 x 292 pixels (260 x 300 pixels)	248 x 292 pixels	248 x 292 pixels	260 x 330 pixels	394 x 492 pixels
Resolution	500 DPI				
Interface	USB 2.0 High / Full speed				
Image Acquisition Time	Full Speed : Avg. 500 msec. High Speed : Avg. 300 msec.			Full Speed : Avg. 500 msec. High Speed : Avg. 130 msec.	Full Speed : Avg. 500 msec. High Speed : Avg. 300 msec.
Operating Temperature	-20~60°C				
Humidity	< RH 90%				
Power Source	USB BUS Power				
OS	Windows 2000 or higher, Windows CE 5.0/6.0, Windows Server 2003/2008, Linux Kernel 2.6 or higher				
Auto-on	O	O	O	O	O
LFD (Live Finger Detection)	X	O	O	O	O
Certification	KC, CE, FCC, UL, RoHS, WHQL	KC, CE, FCC, UL, RoHS	KC, CE, FCC, UL, RoHS	FBI PIV, FIPS 201, STQC, WHQL, KC, CE, FCC, RoHS, UL	FBI PIV