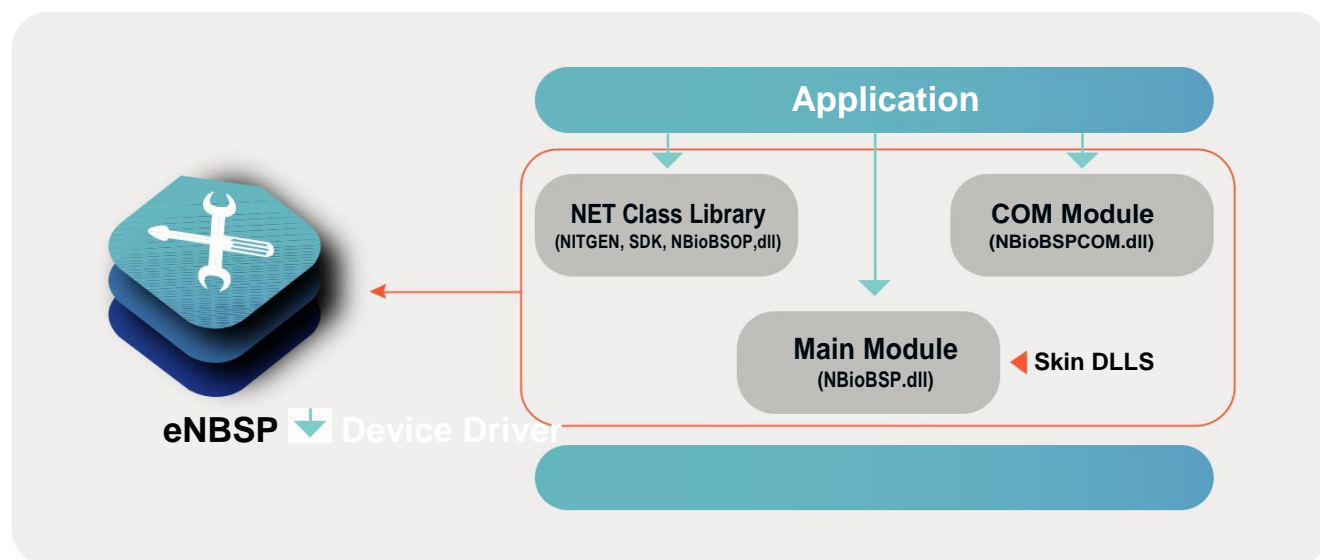


eNBSP SDK

eNBSP SDK is the High Level Software Development kit, which is designed user-friendly for customer's own application for Fingerprint ID management, Time Attendance, Biometric Access management with NITGEN Fingerprint scanner.

Solution Configuration



Key Features

- FVC 1st Fingerprint Matching Algorithm
- NIST MINEX & FBI Certified WSQ Compression
- Windows / Linux / Java / Android Support
- 1:N Matching SDK in High-Speed Performance
- ISO 19794-2/4, ANSI1378 Compliant
- Multiple Programming Languages : VC++, VB, VB.NET, C#, JAVA



Functions

- Device Control**
- Fingerprint Data Capture**
- Fingerprint Authentication (1:1, 1:N)**
- Minutiae Extraction**
- Fingerprint Enrollment**

Product Specification

Item	Fingkey Hamster DX	Fingkey Hamster II DX	Fingkey Hamster III	eNBioScan-C1
Product Image				
Model	HFDU06	HFDU06M	HFDU06S	HFDU08
Module	FDU06	FDU06	FDU06	FDU08
Dimensions	54 x 74 x 82.6 mm (with Stand)	48.5 x 66.3 x 82.1 mm (with Stand)	68 x 68 x 81 mm (with Stand)	68 x 73.3 x 85.2 (with Stand)
	27.4 x 40.5 x 73.7mm (without Stand)		30 x 48.5 x 70mm (without Stand)	30.2 x 40.9 x 76.4 (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
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
Image Size	248 x 292 pixels (260 x 300 pixels)	248 x 292 pixels	248 x 292 pixels	260 x 330 pixels
Resolution	500 DPI			
Interface	USB2.0 High / Full speed			
Image Aquisition Time	Full Speed : Avg. 500 msec High Speed : Avg. 200 msec			Full Speed : Avg. 500 msec High Speed : Avg. 130 msec
Operating Temperature	- 20 ~ 60 °C			
Humidity	< RH 90%			
Power Source	USB BUS Power			
OS	Windows / Linux / Android			
Auto-on	O	O	O	O
LFD (Live Finger Detection)	X	O	O	O
Certification	KC, CE, FCC, UL, RoHS, WHQL			KC, CE, FCC, RoHS,FBI PIV, FIPS 201,STQC, WHQL, UL



Product Specification

Item	eNBioScan-C1F	NScan-FA	NScan-T	NScan-P
Product Image				
Model	HFDU08-L1F	NScan-FA	NScan-T	NScan-P
Module	FDU08-L1F	-	-	-
Dimensions	53.6 x 32.6 x 13.4mm (W x H x D)	47.2 x 81 x 34.4mm (W x H x D)	162 x 158.4 x 214mm (W x H x D)	315 x 144.5 x 313.2 (W x H x D)
Platen Area	16.4 x 19.4 mm	26 x 27 mm	89 x 88.6 mm	156 x 145 mm
Sensing Area	-	20 x 25 mm	81.28 x 76.2 mm	130 x 130 mm
Image Size	-	394 x 492 Pixels	1594 x 1496 Pixels	2598 x 2598 Pixels
Resolution	500 DPI			
Interface	USB CDC	USB2.0 High / Full speed		
Image Aquisition Time	-	20 fps	20 fps	20 fps
Operating Temperature	0 ~ 50 °C			0 ~ 40 °C
Humidity	< RH 90%			
Power Source	DC 3.3V ±0.2V	USB BUS Power 5V, 200mV	USB BUS Power 5VDC ±5% Adapter	12VDC
OS	Windows / Linux / Android			
Auto-on	O	O	X	X
LFD (Live Finger Detection)	O	O	X	X
Certification	KC, CE, FCC, RoHS,	KC, CE, FCC,	KC, CE, FCC, RoHS,	KC, CE, FCC,