

# Biometrics Identification Solutions

*Fingerprint and Finger vein Scanner:*

*Contactless Hybrid Finger Scanner  
for the Multi-modal identification solution.*



## HS100-10

Fast, exceptionally precise and efficient:  
NEC's Contactless Hybrid Finger Scanner.



### Finger technology – high accuracy and high speed.

HS100-10, a new generation fingerprint and finger vein hybrid multimodal scanner, is an integrated unit that enhances the features of a conventional optical sensor and utilizes the features of NEC's original finger data capturing method. HS100-10 is oriented for high capability and high accuracy of Multimodal identification. Multimodal identification solution realizes the capacity of capturing the finger feature data under various situation. HS100-10 is connected to the personal computer via USB2.0 interface with power supply.

### Features – Advantages of NEC's Hybrid Finger Scanner

- Hybrid matching algorithm
- Fusion Identification Method
- Easy to use, Light weight
- High Scanning capacity

### NEC – The leader of Biometrics Solution

NEC has developed biometric security solutions for more than 40 years and has installed huge number of Fingerprint systems worldwide, making it one of the most renowned biometric specialists. NEC participated in many worldwide biometrics competitions which was held by NIST (National Institute of Standards and Technologies, US) and obtained first rank at all evaluation test. NEC delivers field proven biometrics technologies with its accurate solutions.

### Technical Specifications

Product Name	Contactless Hybrid Finger Scanner - HS100	
Product Number	HS100-10	
Sensor	Method	NEC Original Fusion Method
	DPI	Higher than 600dpi
Environment	Ambient Temp Range: 5-35 Degrees Celsius	
	Relative Humidity Range: 20-80%	
	Lighting Environment: Less than 3,000Lux	
Power Consumption	2.5VA or less	
Dimensions	Unit: 52(W) x 89(D) x 48(H)mm Cable: 1.5m	
Weight	Less than 90g	
Interface	USB2.0	
RoHS	Comply	
Bio API	Comply	
Operation System	Windows7*, Windows Vista*, Windows XP Professional	

\* 32 bit support only.

### Solutions – Suitable for your PC solution and Embedded Solution



PC Solution



Embedded Solution (Prototype)

### Get in touch today

Contact your NEC Corporation representative to learn more about how our products can put your organization in touch with more efficient "BIOMETRIC Solutions".

## NEC Corporation

Web site: [www.nec.com/biometrics](http://www.nec.com/biometrics)

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