

Optical Fingerprint Sensor

VNG-COB100 | OEM Module / Sensor : MOPv1.1



INGENIUS

BIOMETRICS INNOVATION

Applications

- PC/Network security
- E-commerce
- Groupware
- Time and Attendance System
- Smart Card Application
- Public Application
- Health & Medical



Features

- Lowest FAR and FRR
- Device Securely Signs the Biometric Data
- Plug and play USB 2.0 high speed interface
- Supports multiple devices handling
- 500 dpi optical fingerprint sensor
- Scratch free sensor surface
- Supports Windows 7,8,10, Windows Vista, Windows 2000, Windows Server 2003/2007/2008, Linux, Windows ME, Windows 98 SE SDK, Libraries and Drivers support across all above Platforms. (32 Bit and 64Bit) Easy Integration on to production servers and application support

Optical Fingerprint Sensor

VNG-COB100

VNG-COB100 is a high-quality USB fingerprint sensor for fingerprint authentication that can access desktop or network security. VNG-COB100 is based on optical sensing technology which efficiently recognizes poor quality fingerprints. VNG-COB100 can be used for authentication, identification and verification of an individual and lets your fingerprint act like digital passwords which cannot be lost, forgotten or stolen. Hard optical sensor is resistant to scratches, impact, vibration and electrostatic shock.



At a Glance

Sensor Characteristics

Parameters	Specification
Fingerprint Sensor	: Optical (Scratch Free Sensor Surface)
Image Resolution	: 500 DPI / 256 Gray
Platen Area	: 14 x 16 mm
Operating Temperature	: 0~50°C
Standards	: ANSI-378, ISO19794-2
Supports Encryption Algorithms	: AES256, RSA2048
Supports Hashing Algorithms	: MD5, SHA256
Traceability	: Every Device Has a Unique Physical Device ID
Interface	: USB 2.0 High Speed/Full Speed, Plug & Play
Certification	: PIV, CE, FCC, RoHS, IEC60950 Certified
Platen	: Hard Glass
Sensor Certification	: STQC/UIDAI
Operating System	: Android, Windows, Linux

