Single IRIS Sensor
VNG-COB100V2

Applications

- PC/Network Security
- Time and Attendance
- Smart Card Application
- AFIS
- Health & Medical
- Skill Development

Features

Plug & Play USB 2.0 with High Speed Interface

Lower FAR and FRR

STQC Certified Product

Supports Windows Operating Systems

Supports Android Operating Systems

Supports Linux Operating Systems

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VNG-COB100V2 is high quality USB IRIS Sensor for IRIS Authentication to access desktop or network security. The single IRIS Sensor VNG-COB100V2 can be used extensively for Banking Applications and Access Control Applications. VNG-COB100V2's quality algorithm can easily identify poor quality IRIS images and can be adjusted based on built-in LED indications. The VNG-COB100V2 works on proprietary distance sensing and focus analysis technology which gives it fast auto capture capabilities.

At a Glance

Sensor Characteristics

Parameters	Specification
Spatial Resolution	: > 50% @ 1.0 LP/mm
Pixel Resolution	: > 10 pixels/mm
Image Margins Left & Right	: >= 0.6x IRIS radius
Top & Bottom	: >= 0.2x IRIS radius
Imaging Wavelength	: 700-900 nm
Pixel Depth	: 8 bits/pixel
Output Image	: KIND1 to KIND7 with JPEG2000 Compression
Capture Mode	: Auto Capture with Built-in Quality Check
Capture Time	: < 2 sec
Safety	: Exempt Group per IEC 62471:2006-07
Health-Safety	: RoHS Compliant
ESD	: Air Discharge+-8 KV, Contact Type +-4Kv
Radiated Emission	: FCC part15B/IEC:CISPR 22 Class B Standard
Radiated Immunity	: As per IEC/EN 61000-4 3:2006+A2:2010
Connectivity	: USB 2.0
Operating System Supports	: Windows XP, Win7, Win2008, Android, Linux, Embedded Linux