Single IRIS Sensor
MIS100 V2

MANTRA

Applications

- PC/Network Security
- Time and Attendance
- Smart Card Application
- AFIS
- Health & Medical
- UIDAI
- Jeevan Pramaan
- AEBAS
- Skill Development
- NREGA
- PDS

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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MIS100V2 is high quality USB IRIS Sensor for IRIS Authentication to access desktop or network security. Single IRIS Sensor MIS100V2 can be used extensively for identity applications like Aadhaar Authentication, Banking Applications and Access Control Applications. MIS100V2 quality algorithm can easily identify poor quality IRIS images and can be adjusted easily based on inbuilt LED indications. MIS100V2 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