

MIS100V2

Single IRIS
Sensor



MIS100 is high quality USB IRIS Sensor for IRIS Authentication for desktop or network security.

MIS100 can be used extensively for identity applications like Aadhaar Authentication, Banking Applications and Access Control Applications. MIS100 quality algorithm can easily identify poor IRIS images and can be adjusted easily based on inbuilt LED indications. High Resolution CMOS Sensor generates quality ISO/IEC 19794-6 Images with JPEG2000 compression. MIS100 proprietary distance sensing and focus analysis technology gives fast auto capture capabilities

MANTRA
Innovation that counts



FEATURES

- Lowest FAR and FRR
- Supports Windows, Linux and Android Operating Systems.
- Plug and play USB 2.0 high speed interface
- STQC Certified Product

APPLICATIONS

PC/Network security	AFIS	AEBAS
Time and attendance	Health and Medical	Skill Development
Smart card application	UIDAI	NREGA
Public application	Jeevan Pramaan	PDS

SPECIFICATIONS

- Spatial Resolution > 50% @ 1.0 LP/mm
- Pixel Resolution > 10 pixels/mm
- Image Margins Left & right $\geq 0.6 \times$ iris radius
- Top & bottom $\geq 0.2 \times$ 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 Complaint
- 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 / USB 1.1
- Operating System Support Windows XP, Win7, Win2008, Android, Linux,
- Embedded Linux

