

Mobile IRIS Scanner MOBILIRIS



APPLICATIONS

PDS

e-KYC

Aadhaar Services

Public application

Skill Development

Health and Medical

PC/Network security

FEATURES



Fast Recognition

MobilIRIS™ gives recognition of IRIS within 1 sec. It is faster than unlocking phone by pattern or passkey.



Fastest Integration

MobilIRIS™ gives fastest integration as technology is ready with 5 critical components.



Higher Security

IRIS recognition is hard to spoof as inbuilt spoof detection software will detect spoof in most of the cases.



User-friendly

MobilIRIS™ scan eyes from 15mm~22mm. Long distance given required flexibility and user need not to adjust according to camera.



Exception Friendly

MobilIRIS™ can successfully capture and Match occluded images, images with pupil dilation, motion blur etc.



Secured

MobilIRIS™ is far more secured than traditional Fingerprint, pattern, Key or password.

Mobile IRIS Scanner MOBILRIS

IRI recognition is an automated method of biometrics identification that uses mathematical pattern recognition techniques on video images of one or both of the irises of an individual’s eyes. IRIS recognition is widely used for identity verification or identification for highly secured project across the world.

MobilRIS is India’s first mobile IRIS module for mobile users. MobilRIS is used with Mantra world class mobile enabled IRIS recognition SDK to equip any mobile phone/tablet with IRIS recognition technology.

MobilRIS module can be integrated with any mobile platform with android operating system. This comes with 5 critical components (Sensor, Extractor, LED immolator, Lens & Images Acquisition Display & Control SW), which will be approved by UIDAI/STQC.

AT A GLANCE

Spatial Resolution :	>50% at 1 LP/mm
Pixel Resolution :	>10 pixels/mm
Image Margins :	Left & Right = 0.6x iris radius. Top & bottom = 0.2x iris radius
imaging Wave lenght :	700-900 nm
Pixel Depth :	8 bits/pixel
Scan Type :	Progressive
Output Image :	IMAGE_TYPE_CROPPED_AND_MASKED with JPEG2000 compression; complied with ISO Standard for iris Image Record (IIR)
Capture Mode :	Auto capture with built-in quality check
Capture time :	<5 sec
Capture Distance (in mm) :	150-210 mm
Safety (Optical) :	Exempt Group per IEC 62471:2006-07
Operational Performace :	FRR < 1% at FAR of 1 in 1,00,000 with images conforming to IMAGE_TYPE_CROPPED_AND_MASKED of size 3.5KB
Occupational Health Safety :	RoHS
Radiated Emission :	FCC part15B/IEC:CISPR 22 Class B
Capture Method :	Single IRIS

ADVANTAGES

- Easy to use
- Hard to spoof
- Match occluded images, images with pupil dilation, motion blur
- Long Range Distance
- Fastest integration with ready to use library and hardware reference design