

IRITECH IRIS SCANNER



PRODUCT DESCRIPTION: The Iri Shield MK 2120U features IriTech's superior iris for Aadhaar Authentication of beneficiaries in domains like PDS, MGNREGS, Pension, AEBAS etc. IriTech's also capable of excellent iris matching and iris image quality assessment algorithms to provide good quality images and avoid false positives while maximizing true positive identification rates. The embedded algorithms can complete a matching query against 1,000 stored templates in 0.5 second.

FEATURES: All key functions like iris capture, iris recognition, encryption and digital signature are done on-board in a secure environment and matching - NIST-proven extremely accurate iris matching algorithm - STQC certified - Internal gallery: 1,000 iris templates (500 IDs) - Tamper-proof - Supported interface connections: USB, UART - Supported

SECURE DATA & COMMUNICATION: IriShield device has its own 2048 bit RSA key securely generated on-board for encryption and digital signature.

OPERATING SYSTEM: Android/Windows/Linux/iOS

ADVANTAGES: Cost-effective - Ultra-compact, light weight - Supporting power management functions

APPLICATIONS: Beneficiaries Aadhaar authentication for domains like PDS, MGNREGS, HEALTH CARE (Ayushman Bharat Yojana), PENSIONS Schemes, AEBAS, Micro ATM etc.

CERTIFICATIONS: STQC, RD 2.0, Fully Aadhaar Compatible.

SUPPORTS: More than 1000 Service Points in PAN India

Product Specification :

Brand Preference	IRISHIELD
Type of System	Iris Recognition Access Control
Form Factor	Handheld
Brand	IRITECH
Connectivity Type	Wired
Installation Type	Hand Held/TAB/MOBILE/LAPTOP
Reader Type	Iris
Warranty	1 Year
Power Source	USB BUS Power
Item Code	IRITECH IRISHIELD MK2120U

Sensor Type	Optical Sensor
Automation Grade	15 CM READ RANGE OF RETINA IRIS
Operating System Supported	Windows, Linux, Android and iOS
Products Included	USB cable and accessories with box
Item Model No.	IRITECH MK2120U
Model Number	MK-2120U
Optical scanning resolution	VGA 60% dpi
Scan Area Size	470 mm, Near infrared LED

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