

# IRITECH IRIS SCANNER



**PRODUCT DESCRIPTION:** The Iri Shield MK-2120UL 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

**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 MK-2120UL

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