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		Sensor Type	Optical Sensor
Type of System	Iris Recognition Access Control		Automation Grade	15 CM READ RANGE OF RETINA IRIS
Form Factor	Handheld		Operating System Supported	Windows, Linux, Android and iOS
Brand	IRITECH		Products Included	USB cable and accessories with box
Connectivity Type	Wired		Item Model No.	IRITECH MK2120U
Installation Type	Hand Held/TAB/MOBILE/LAPTOP		Model Number	MK-2120U
Reader Type	Iris		Optical scanning resolution	VGA 60% dpi
Warranty	1 Year		Scan Area Size	470 mm, Near infrared LED
Power Source	USB BUS Power			
Item Code	IRITECH IRISHIELD MK2120U			