

Pocket-Sized Fingerprint Scanner That You Can Wear



EDGAR
INTERACTIVE

BHARAT SECURE L1 FPS (eBS01)



Seamless Integration, Unmatched Precision

Applications

- Indira Awaaz Yojana
- Banking and Financial Services
- Public Distribution System And More
- AePS(Aadhaar Enabled Payment System)
- Mahatma Gandhi National Rural Employment Guarantee Scheme
- Healthcare services
- Secure Identity Verification
- Employee Attendance & Management
- Swarnajayanti Gram Swarozgar Yojana

Features



UIDAI Approved
L1 FPS



High speed USB Type-C interface
with secured communication



Live Detection Technology



Robust IP Protection



Ergonomic & Compact
Design



Versatile Deployment Options



Supports Windows &
Android Operating System



Description

L1 FPS SCANNER



BHARAT SECURE L1 FPS (eBS01)

The Edgar's Bharat Secure L1 FPS (EBS01) are cutting-edge USB based fingerprint scanner designed to meet the highest standards of accuracy and reliability. With state-of-the-art thermal sensor technology, this device ensures precise authentication for various applications.

Specifications

Sensor Characteristics

Parameters	eBS01
Fingerprint Sensor Type	Thermal Sensor, NB-65210-S
Image Resolution	500 dpi
Image size	300 x 400 Pixel
Image Grayscale	256 (8-Bit Gray Level)
Approx. Dimension (L x W x H)	69mm x 46mm x 20mm (LxWxH)
Approx. Weight	32 gms (approx)
Capture Area	FAP20 (15.25mm x 20.34mm)
No. of Scans on single charge	-

Security

Parameters	eBS01
Crypto operation	RSA2048 Key Gen, AES GCM-250, SHA-256, TRNG support
Secure Memory	Device with TEE and secure memory key wrapping
Secure Boot	Secure boot support by the device
Wireless Encryption	-

Electrical

Parameters

eBS01

Supply

1 watt. Approx from
USB port

Display

-

Power button

-

Charging

-

Environmental

Parameters

eBS01

Temperature

0 to 50 °C

Compliance to Following Standard

Parameters

eBS01

Biometric Data Interchange Format

ISO19794-2/ISO19794-4 & FIPS 201
*compliant,Minex III certified

Image Quality Compliance

ISO, FBI PIV WSQ (Comp 10 : 1) ,
STQC*, JPEG 2000 lossless

IP Rating

IP67 ideal for outdoor applications

Device Driver

STQC Certified

Operating System

Windows & Android

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