



**Excellent Performance –  
Best Battery Backup in the Segment!**



**EDGAR  
INTERACTIVE**

## **BHARAT SECURE L1 FPS (eBS02)**



**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**

- |  |   |  |
|--|---|--|
|  <b>UIDAI Approved<br/>L1 FPS</b>    | <b>DPI</b> 500 DPI thermal<br>fingerprint sensor  |  <b>High speed Bluetooth interface<br/>with secured communication</b> |
|  <b>Robust IP Protection</b>         |  <b>Ergonomic &amp; Compact<br/>Design</b> |  <b>Live Detection Technology</b>                                     |
|  <b>Versatile Deployment Options</b> | <b>OS</b> Supports Windows &<br>Android Operating System  |  |



## Description



### BHARAT SECURE L1 FPS (eBS02)

Introducing the Bharat Secure L1 FPS (EBS02), a cutting-edge fingerprint scanner that stands out with its innovative Bluetooth connectivity. Unlike traditional devices, this modern tech marvel eliminates the need for cables, offering wireless convenience and seamless integration with your systems. Experience next-gen biometric security, featuring advanced fingerprint recognition and cutting-edge Bluetooth connectivity.

## Specifications

### Sensor Characteristics

Parameters	eBS02
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)	90mm x 52.1mm x 25mm (LxWxH)
Approx. Weight	40 gms (approx)
Capture Area	FAP20 (15.25mm x 20.34mm)
No. of Scans on single charge	1000 scans *

### Security

Parameters	eBS02
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	Yes

## Electrical

### Parameters

### eBS02

Supply	1 watt. Approx from Lithium Battery
Display	128 X 32 OLED Display
Power button	Capacitive touch button
Charging	Charging via TYPE-C USB Port

## Environmental

### Parameters

### eBS02

Temperature	0 to 50 °C
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## Compliance to Following Standard

### Parameters

### eBS02

Biometric Data Interchange Format	ISO19794-2/ISO19794-4 & FIPS 201 *compliant,Minex III certified
Image Quality Complainece	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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