



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



**EDGAR
INTERACTIVE**

BHARAT SECURE Bluetooth Fingerprint Scanner (eBS03)



Seamless Integration, Unmatched Precision

Applications


- Employee attendance & workforce management
- Security access control
- Background verification
- Law Enforcement & Field Operations
- Education sector
- Secure Identity Verification
- Healthcare & Patient management

Features

DPI 500 DPI thermal fingerprint sensor

 High speed Bluetooth interface with secured communication

 Robust IP Protection

 Ergonomic & Compact Design

 Live Detection Technology

 Versatile Deployment Options

OS Supports Windows & Android Operating System

Description



BHARAT SECURE Bluetooth Fingerprint Scanner (eBS03)

Introducing the Bharat Secure (eBS03), 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	eBS03
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	eBS03
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

eBS03

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

eBS03

Temperature	0 to 50 °C
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Compliance to Following Standard

Parameters

eBS03

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 *
Operating System	Windows & Android

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