

Introducing the latest innovation from **Sentry Enterprises**

# THE BATTERYLESS MULTI-FUNCTION BIOMETRIC CREDENTIAL



**Absolute Proof-of-Identity for any Physical or Digital Transaction**



## What's New?

- Batteryless
- Biometric FIDO2 CTAP 2.1 for passwordless MFA
- Fast and user-friendly guided mobile enrollment
- Lower Cost

**ELLIOTT**  
DATA SYSTEMS, INC.

# Specifications: The Batteryless Multi-Function Biometric SentryCard



PLATFORM	
Description	Converged multi-function biometric security platform
Construction	Thin, flexible, ISO 7816-1 card-sized form factor
Artwork & Printing	Supports standard point of issuance card printers
Power	Inductive Energy Harvesting (Batteryless)
Operating Temperature	-40 degrees C to +85 degrees C
Humidity	95% non-condensed
Resistance to Impact	1 kpa max
ESD	+/- 6kv HBD when laminated

## PROCESSOR & BIOMETRIC SENSOR

Secure Element	Infineon SLC38 CC EAL 6+, high-performance Arm® SecurCore® SC300 processor
Performance	<500 ms, rapid on-card biometric matching
Memory	800 KB user SOLID FLASH™ NVM / 24 KB user RAM
Fingerprint Sensor(s) Sensor	IDEX Biometric ultra-thin flexible sensor
Wear-and-Tear False	>10 million touches
Acceptance Rate (FAR) False	>1/50,000
Rejection Rate (FRR)	< 3%
Biometric Enrollment	User friendly, guided mobile enrollment

## PHYSICAL ACCESS CONTROL

Frequency Average	Biometrically secured 13.56 MHz w/optional non-biometric 125 kHz
Read Range	40–50 mm
Supported Protocols	HID Seos, DESFire EV2 (LEGIC, PKOC, LEAF or any DESFire compatible encryption), CIV, PIV (pending NIST)

## LOGICAL ACCESS (PASSWORDLESS MFA)

Smartcard	FIDO2 CTAP2.1
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