S·I·C
BIOMETRICS

MULTIMODAL MOBILE BIOMETRICS
FIELD OPERATION
WITH NO COMPROMISE

ENROLLMENT · IDENTIFICATION · AUTHENTICATION

All-In-One G3
Product Brochure

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Who we are

S.I.C. Biometrics is a global private corporation specializing in the design, manufacture, and deployment of biometric and ID-based operational security solutions. For 25 years, we have supported organizations worldwide in enhancing access control and identity authentication to address evolving security challenges.

S.I.C. has offices in Canada (HQ) and USA

Our mission is to deliver user-centric advanced multimodal biometric capture devices, primarily mobile, that strengthen operational security and system dependability for defense, law enforcement, and border control agencies globally and ultimately making the world a safer place.

Our vision it to be the global leader in multimodal biometric capture technologies, providing military-grade solutions that safeguard national security and enable mission-critical identity verification across borders.

All S.I.C. Biometrics' product development and manufacturing operations are based in North America.
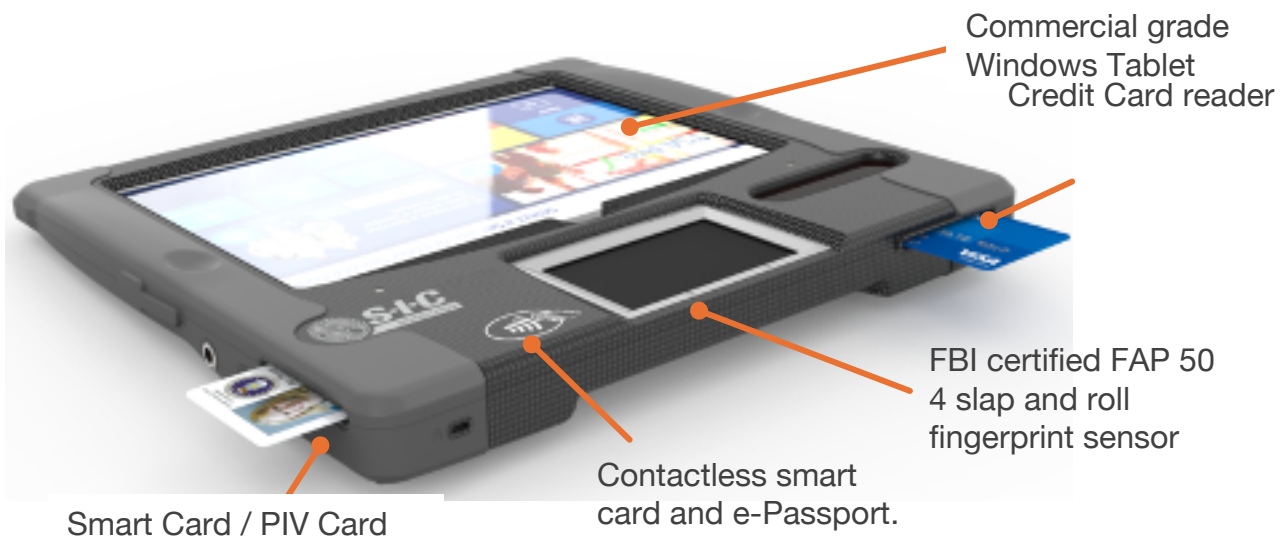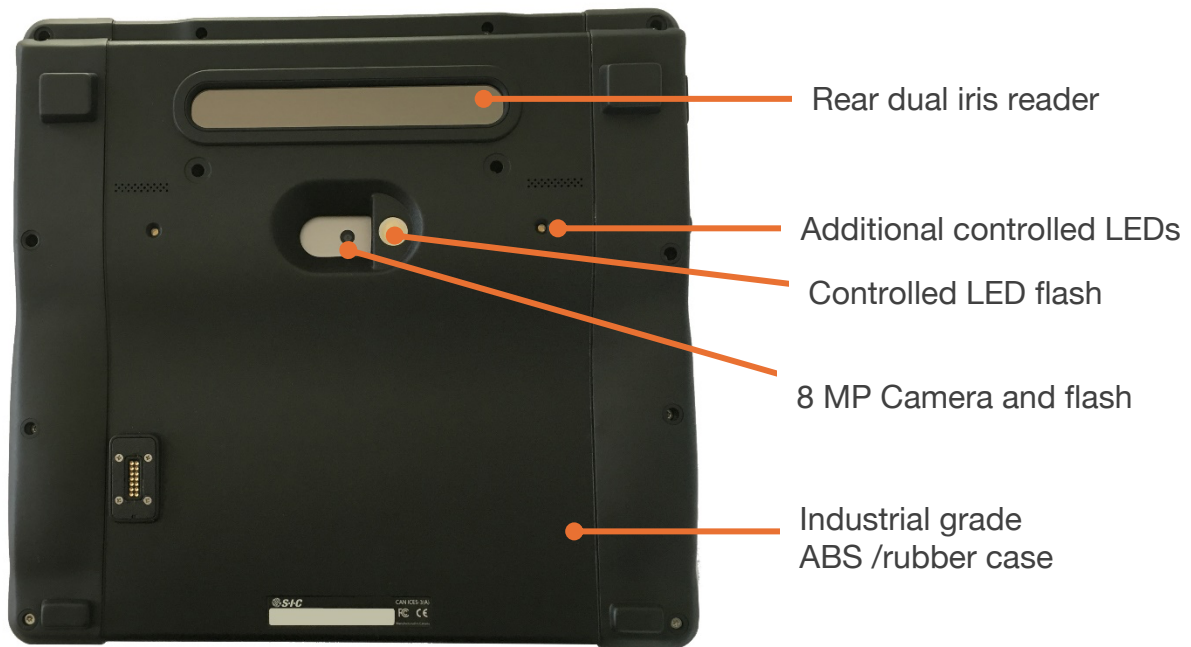
All-in-One G3

Multi-Technologies System

The All-in-One G3

Multi-Technologies System

Rear dual iris reader

Additional controlled LEDs

Controlled LED flash

8 MP Camera and flash

Industrial grade
ABS /rubber case

Commercial grade
Windows Tablet

Credit Card reader

FBI certified FAP 50
4 slap and roll
fingerprint sensor

Smart Card / PIV Card

Contactless smart
card and e-Passport.

All-in-One G3 Device

Designed and made in North America

Available Technologies:

- S.I.C. Smart power controller boards
- Capture single, dual or four fingers direct, single finger rolls
- Dual iris
- Credit card payment
- ISO-7816 Contact and reader
- ISO-14443 Contactless card/e-Passport reader
- 1 External Port
- 1 USC-C external port (charging or COM in tablet)

Specifications	Standards Compliance

Dimensions:
    13-1/4''x 12'' x 1-3/8
     33.7 cm x 30.5 cm x 3.5 cm
Weight:
    4lbs / 1,81Kg
Battery life:
    8 hours
	• PC/SC, ISO 7819 / ISO 14443 card standards
	• USB 2.0, 3.0, USB-C
	• FCC / CE
	• RoHS Directive 2002/95/EC
	• FCC Part 15 (per ANSI C62.4:2003) Class A,
	• ICES-003 Class A, CE emissions
	• IP 54 with card slot and port rubber protection
	• Low flammable ABS/PC

Fingerprint Sensor

Sensing area:
    3.2" x 2.5" (FAP 50)
    8.13 cm x 6.4 cm
Image:
    1,600 x 1,000pixels
    500PPI
    256 grayscale dynamic range
Sensor
    15 Frames Per Second
    Operates in direct sunlight
    No light emission in night conditions
    No prisms or silicon pads
    Surface resist to: Ammonia, IPA, Methanol, Soaps/detergents, Salt Water
    Capture single, dual or four fingers direct, single finger rolls
	• FAP 50 FBI Appendix-F certified fingerprint sensor
	
	• RAW, JPEG2000, BMP, PNG, WSQ, ANSI-378 and ISO template

Specifications	Standards Compliance
Iris Reader	

Iris Capture:
    Dual automatic iris captures and quality control
    12-15cm capture distance
    Capable to do Indoor and Outdoor capture
    Using near infrared LED
	• ISO Standard 19794-6 (2005 & 2011), (640 x 480 Pixels, 8-bit Grayscale), full support of K1, K2, K3, K7
	• Eye safety standard (IEC 62471:2006-07), RoHS FCC-Class B
	• RSA (2048-bit) and AES (256-bit); X509 Certificate, PFX/PKCS#12 Certificate, RSA key pair generated on-board

Smart Card Readers	
Read and write ISO-7816 contact smart card of different types such as PIV and TWIC. Class A, B, C ISO-14443/A-B Contactless smart card and e-Passport.	• Support up to 2048bit RSA encryption • ISO 7816 standard, parts 1, 2, 3 and 4 • PIV FIPS-201
Tablet	
Full HD - 1920 x 1080 - Intel Core i5 11th Gen i5-1140G7 Quad-core (4 Core) 1.80 GHz - 8 GB Total RAM - 256 GB SSD - Carbon Fiber - Intel Chip - Windows 10 Pro - Intel Iris Xe Graphics - English (US) Keyboard - IEEE 802.11ax Wireless LAN Standard	• UL/CSA, 1999/5/CE, FCC part 15 • Wi-Fi certified, IEEE 802.11a, IEEE 802.11b