# Tactivo™ Smart Card Reader and Fingerprint Sensor

Mobile Multi-factor Authentication for the iPhone and iPad



Tactivo™ is a sophisticated smart card reader and fingerprint sensor embedded into a sleek smart casing designed for the iPhone and the iPad. The Tactivo replaces a single authenticator, such as a password, with a fingerprint, a smart card, and other phone features, such as GPS technology, to enable multi-factor authentication, a much stronger form of authentication. The combination of a biometric stored intelligently on a CardLogix M.O.S.T.® smart card creates an identity verification solution with a level of unmatched security and reliability. With the Tactivo, this trusted level of identity verification can be guickly executed and managed in any mobile application that requires a high level of security. The Tactivo is conveniently designed to be an attractive and permanent extension to the iPhone or iPad. The smart card cover is clear to display government credential photos, and the case permits access to all iPhone and iPad buttons and connectors, including the ability to charge and synchronize the phone without removing the case. The Tactivo is SDK friendly and available for virtually any iOS application.

#### **Features and Benefits**

- Multi-factor authentication for reliable identity verification
- Available for virtually any iOS application
- Full featured SDK
- Attractive case design
- Government compliance: PIV, PIV-1, CAC, TWIC and Precise Match-on-Card™

#### **Applications**

- Age and Identity Verification for Mobile Gaming
- Logical Access markets
- **Border Control**
- Financial & Banking Security
- Law Enforcement
- Financial & Banking Security
- Healthcare Identity and Records















For more information, contact your CardLogix Sales Representative.



## Tactivo™ Smart Card Reader and Fingerprint Sensor Mobile Multi-factor Authentication for the iPhone and iPad

### **TECHNICAL DATA**

iPHONE/iPAD SUPPORT	iPhone 4S, iPhone 4, iPad (3rd Generation), iPad 2
iOS COMPLIANCE	iOS 5.1 and higher
iPHONE/iPAD CONNECTION	Connected to iPhone/iPad directly through the native 30-pin connector
CHARGING	Through micro USB without removing case
SYNCHRONIZATION	Through micro USB without removing case
FIRMWARE	Upgradable
SIZE WITH IPHONE SIZE WITH IPAD	5.17" x 2.47" x 0.6" (131.3 x 62.8 x 15.4mm) 10.09" x 7.45" x 0.6" (256.5 x 189.4 x 15.4mm)
WEIGHT WITH IPHONE WEIGHT WITH IPAD	1.45 oz. (41grams) 5.64 oz. (160grams)
TEMPERATURE	Operational 32–95° F (0–35° C), Transport -4–113° F(-20–45° C)
HUMIDITY	5-95% relative humidity
SMART CARD TYPES	CardLogix M.O.S.T. Cards® and Credentsys™ Cards PIV, PIV-I, CAC, and TWIC cards ISO 7816-4, T=0 & T=1, Class A & B (5V and 3V)
SENSOR TYPE	Capacitive swipe sensor
RESOLUTION	381 dpi
ARRAY SIZE	192 pixels
TEMPLATE FORMAT	Standardized, ISO/IEC 19794-2 CC/ANSI 378 Precise Biometrics Precise BioMatch™ J template format (Match-On-Card)
VERIFICATION TIME	< 0.5 second (1:1 matching on the iPhone and iPad)
CERTIFICATION AND COMPLIANCE	FCC (Part 15 Class B) and CE compliant RoHS and WEEE compliant NIST-validated MINEX II algorithm
PRODUCTION	Made in the USA

