

IRIS BIOPAD

Bluetooth Biometric Card Reader for Tablet

IRIS BioPad transforms your tablet into a secure, high-performance MyKad and identity verification device. With FBI-certified fingerprint scanning, advanced smart card reading, and seamless Bluetooth connectivity, it offers mobile biometric authentication in a sleek, compact form. Ideal for professionals in government, finance, and healthcare who need trusted security, soft-touch elegance, and on-the-go performance.



Cross-platform
Compatibility



Instant
MyKad
Reading



Quick-Snap
Protective Case



Accurate
Biometric
Verification



Know Your
Customer
(KYC)



Low Energy
Usage



Secure Soft
PIN Pad



Support
Credit/Debit
Cards



IRIS BIOPAD SPECIFICATION

Standard Features

Dimensions (L x W x H)	176mm x 52mm x 19mm (without tablet casing)
Weight	350~355g (subject to tablet model)
OS Supported	iOS/iPadOS 14 and above, Android 13 and above, Windows® 10 and above
LED Indicators	Blue LED: Bluetooth status – standby or connected Yellow LED: Battery is Low Red LED: Battery charging status
Compliance/Certification	FCC, CE, RoHS

Operating Conditions

Temperature	0°C to 50°C
Humidity	10% - 90% RH, Non-condensing

Electrical

Host Interface	Bluetooth LE v5
Power	1150mAh Rechargeable Li-ion battery Supports USB-C charging

Contact Card Reader

Standard	ISO/IEC 7816 Parts 1-4, Class A, B, and C EMV 2000 Level 1 Compliant
Read/Write Speed	Up to 115.2 kbps (card type dependent)
Protocols	T0 and T1
Card Slot	1x ID-1 Card Slot

Optical Fingerprint Scanner

Model	CBM-V3
Image Resolution	500 DPI (256 greyscale, 8-bit per pixel)
Sensor Area (L x W)	18mm x 22mm (Optical)
Image Compression	RAW, ISO 19792, WSQ (license required) and Proprietary
Embedded	Matcher Processing Capabilities
Certification	FBI PIV IQS Certified

Accessories

Includes holder and tablet casing (subject to tablet model)

Software Development Kit (SDK) Options

- iOS SDK with soft PIN Pad, MyKad retrieval, fingerprint verification and enrolment
- Android SDK with MyKad retrieval, fingerprint verification and enrolment
- Windows SDK with MyKad retrieval, fingerprint verification and enrolment



Transportation



Access Control



Telco



Government Agencies



Enrolment



Healthcare & Insurance



Loyalty & Membership

Please Note: Features and specifications are subject to change.

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