

IRIS BCR603BT

Mobile Bluetooth Biometric Smart Card Reader

Experience the future with the BCR603BT — a compact and robust Bluetooth biometric smart card reader designed for today's fast-paced digital landscape. This device is small enough to fit comfortably in your palm, harnesses the power of Bluetooth 5.0 for swift pairing with various desktops and mobile devices. Compatible with iOS, Android, and Windows operating systems, it offers unparalleled mobility, high-speed card reading, and advanced biometric capabilities, enhancing the security of smart card authentication. Seamlessly supporting KYC and customer onboarding, the BCR603BT ensures a smooth and efficient process, making it the ideal choice for a seamless, secure, and mobile biometric solution.



Cross-platform
Compatibility



Instant
MyKad
Reading



Accurate
Biometric
Verification



Built-in
Battery



Bluetooth
LE v5



IRIS BCR603BT SPECIFICATION

Standard Features

Dimensions (L x W x H)	98 mm x 62 mm x 27 mm
Weight	350 g (without cable)
OS Supported	iOS/iPadOS 14 and above, macOS Ventura (Version 13.x) and above, Android 13 and above, Windows® 10 and above
LED Indicators	3-colour LEDs
Buzzer	Yes

Operating Conditions

Temperature	0 °C to 55 °C
Humidity	10% - 90% RH, Non-condensing

Electrical

Host Interface	Bluetooth LE v5
Power	1150 mAH Rechargeable Li-ion battery USB-C charging 2.0 m detachable USB-C cable
Operating Hours	12 hours in continuous mode

Contact Card Reader

Standard	ISO/IEC 7816, Class A, B, and C, (5V, 3V, and 1.8V)
Read/Write Speed	Up to 115.2 kbps (card type dependent)
Card Slot	1x ID-000 (PSAM) 1x ID-1
Card Types	Class A, B & C
Durability	Min 500,000 insertions
Compliance/Certification	EMV 2000 Level 1 Compliant

Optical Fingerprint Scanner

Model	CBM-E3
Image Resolution	500 DPI (256 greyscale, 8-bit per pixel)
Sensor Area (L x W)	14 mm x 22 mm
Image Compression	RAW, ISO/IEC 19792, WSQ (license required) and Proprietary
Embedded	Matcher Processing Capabilities
Compliance/Certification	FBI PIV IQS Certified, MINEX/FIPS 201, IP65

Additional Features

- Supports Cryptography Algorithms
- Support Hash Computation
- Built-in Secure Storage for Key Injection



Transportation



Access Control



Telco



Government Agencies



Enrolment



Healthcare & Insurance



Loyalty & Membership

Please Note: Features and specifications are subject to change.

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