

BCR230

3-IN-1 . ENHANCED BIOMETRIC ACCESS . COLOR LCD SCREEN



Pradotec Global
TOP
Biometric
COMPANIES IN APAC
2020
Recognized by
SECURITY

FEATURE

- Fingerprint Scanner
- Contact Card Reader
- Bluetooth
- USB
- Standalone Performance
- Generate Encrypted QR Code

**MyKad, EBA MyKad, MyKid,
MyTentera Card Reader**

**EBA MyKAD Complied
CyberSecurity Malaysia Certified**



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FEATURE OVERVIEW



Standalone Verification

On the spot data review and or bluetooth connectivity to integrate with application



eKYC Feature

Generate one-time QR code for data capturing



Mobile Compatible

Easily connect to any OS device with ready mobile application. Android SDK available.

SPECIFICATION

Fingerprint Sensor

Sensor	IDEMIA CBM V3 / CBM E3 Optical Sensor
Resolution	500dpi @ 8-bit per pixel
Active Area(mm)	14 x 22
Supported Template	Sagem Algorithm
Supported Standard	ISO 19794-2
Template Format	ANSI 378, RAW/Bitmap, WSQ
Storage Capacity	Up to 1000 template
Fingerprint Search	1:1 & 1:N (Optional)
Matching Speed	4-6 second
Identification Time	9 second



Contact Card Reader

Standard	ISO / IEC Standard 7816, Part 1, 2, 3
Card Slot	1 x ID-1 Card slot, 1 x ID-0 SAM slot
Card Type	Class A & B / Class A, B & C

Software Specification

Host Operating System Requirement	Window 10, iOS, Android
Programming Language	Java (Andriod), Net (VB or C#) C++, Windows OS Objective C - iOS (Framework Library)
Connectivity	Bluetooth (Only BCR230BT) & USB 2.0

LCD Screen

LCD Screen Size	1.3" inch
Resolution	240 (H) RGB x 240 (W)
Color Arrangement	RGB Vertical Strip

Communication Interface

USB	USB2.0
Environmental Operating Temperature	-10°C to +50°C
Humidity	5% to 95% RH, Non-condensing

Electrical Power

Power	Built-in rechargeable 850mAH battery USB Bus-powered
Current Standby	730uA
Current IDLE	48 mA
Current Operation - Max	250mA
Bluetooth (Only BCR230BT)	Bluetooth verion 4.0/ 3.0/ 2.1 + EDR Max. 10m Distance

Available For Integration



Desktop
SDK



MyKad
API



Andriod
SDK



Web
SDK