



# BCR200Y

## *Biometric Reader*

BCR200Y is designed for sophistication yet simplicity for optimizing fingerprint reading. It is ideal for a broad range of applications that involve enrolment, authentication and identification.

With a built-in optical biometric scanner, it has the ability to capture fingerprint image from 180° angle; making it flexible and easy to be used.



**IRIS**<sup>®</sup>  
Bringing Solutions to Life

- Secured Biometric Fingerprint Authentication
- Flexible - 180° Fingerprint Capture
- Affordable, Light-weight and Durable
- Fast and Cost-effective Optical Sensor
- Ideal for Off-the-shelf Enrollment or in Custom-made Applications

## KEY BENEFITS

- Fast processing during enrollment, identification and authentication:
  - o authentication < 0.6 sec (including detection, encoding and matching)
  - o identification < 0.8 sec in 1:1000 identification mode (including detection, encoding and matching)
- Large-size sensor that guarantees enhanced performance during enrolment and matching
- High capacity database in identification mode: 500 users or 1,000 fingerprint template
- Smart and user-friendly sensors that guide the user during enrolment (finger position, pressure, etc.) to acquire the best possible fingerprint image

## APPLICATIONS

### Secure Registration

A secured registration keeps the uniquely identified fingerprint images; officers are able to capture fingerprints as part of the customer details. This is highly useful for registrations in government services, medical centers, financial services, public services and many other industries.

### Smart Card Application

For organizations such as governments, financial services and retails, BCR200Y can help to reduce fraudulent activities such as multiple identities and misuse of smart card by verifying fingerprint against existing records saved in the smart card. This includes National Identity Card, Driver's License, Medical Card, Credit Card, Debit Card, Access Card, Student Card and many other membership cards.

### Secured Access

In any place where security access is concerned, BCR200Y will be a vital tool to instantly capture fingerprint image to be submitted to the fingerprint authentication program. A fast and secure authentication system is not only able to reduce queue but enhances services offered.

## SPECIFICATIONS

**Host Interface** : USB2.0 Full-Speed  
(backward compatible with USB 1.1)

**Power** : USB-Powered

### Fingerprint Scanner

**Sensor Type** : Thin Optical Sensor

**Algorithm** : Sagem

**Image Resolution** : 500 dpi (256 greyscale)  
(dpi)

**Sensor Area** : 13.0 x 20.0  
(mm)

### Mechanical

**Dimensions** : 98 x 15 x 30

**L x W x H (mm)**

**Weight (g)** : 110g approx

### Environment

**Operating Temperature** : -10°C to 50°C

### Software

**PC USB Driver** : USB 2.0 for WinXP (32-bit, 64 bit),  
WinVista (32-bit, 64 bit), and  
Win 7 (32-bit, 64-bit)

## RELATED PRODUCTS



SCR21U



BCR200DTP



BCR200BT



IPT300



Smartcards

**Note:** All displays pictured are simulated. Specifications are subject to change without prior notice. Warranty: 12 months. Terms and Conditions apply. Other trademark mentioned herein belongs to their respective owners.