

INTRODUCTION :

PROMAG slot type barcode readers are designed for use in retail , access control and time and attendance environment , such as personal ID verification systems , security access control and time keeping systems etc. The readers are capable to read many popular barcode symbologies through the reader slot .

FEATURES :

- Readers can be easily attached to most computer keyboards or to any flat surface or can be integrated into the terminal devices
- Read barcode cards
- Read barcode symbologies :
Code 39 and full ASCII Code 39
Interleaved 2 of 5 Code , 2 of 5 Code , EAN 8 and EAN13
UPCE and UPCA , Code 128 , CODABAR , Code 93, Code 11

AVAILABLE MODELS :

1. BCR150B -- 90 mm without cover , Red LED , TTL output
2. BCR151B -- 90 mm without cover , Infrared , TTL output
3. BCR180 -- 100 mm without cover , Red LED , TTL output
4. BCR181 -- 100 mm without cover , Infrared , TTL output
5. BCR180C -- 100 mm with cover , Red LED , TTL output
6. BCR181C -- 100 mm with cover , Infrared , TTL output
7. BCR200B -- 90 mm w/o cover , Red LED , MSR ABA TK2 output
8. BCR200F -- 90 mm w/o cover , Infrared , MSR ABA TK2 output
9. BCR250B -- 100 mm with cover , Red LED , RS-232 interface
10. BCR250F -- 100 mm with cover , Infrared , RS-232 interface
11. BCR250KB - 100 mm with cover , Red LED , Keyboard interface
12. BCR250KF - 100 mm with cover , Infrared , Keyboard interface
13. BCR410 -- 170 mm with cover , Red LED , RS-232 interface
14. BCR411 -- 170 mm with cover , Infrared , RS-232 interface
15. BCR430 -- 170 mm with cover , Red LED , Keyboard interface
16. BCR431 -- 170 mm with cover , Infrared , Keyboard interface

SPECIFICATIONS :

Electrical :

- Supply Voltage : + 5 V DC
- Power Consumption :
10 mA typical -- BCR150B/151B/180/181/180C/181C
38 mA typical -- BCR200B/200F/250B/250F/250KB/250KF
80 mA typical -- BCR410/411/430/431
- Output Interface :
TTL output -- BCR150B/151B/180/181/180C/181C
RS-232 interface -- BCR250B/250F , BCR410/411
MSR ABA TK2 emulation -- BCR200B/200F
Keyboard emulation PC/AT -- BCR250KB/250KF , BCR430/431
- Light Source --
Red LED -- 660 nm
Infrared -- 940 nm
- Sensor -- Photo diode
- Depth of Field -- 2 mm
- Resolution -- 0.15 mm
- Scan Speed -- 100 ~ 1000 mm
- Barcode Center Line -- 11 +/- 0.75 mm from bottom edge of card

Dimensions :

- W90 x H24 x D23 mm -- BCR150B/151B , BCR200B/200F
- W100 x H29 x D27 mm -- BCR180/181
- W100 x H31 x D32 mm -- BCR180C/181C/250B/250F/250KB/KF
- W170 x H42 x D44 mm -- BCR410/411/430/431

Environment :

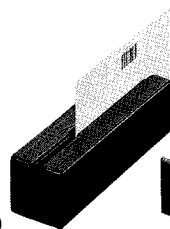
- Operating Temperature : 0 ~ 55 Degree C
- Storage Temperature : -20 ~ 60 Degree C
- Relative Humidity : 10 ~ 90 %

MSR ABA TK2 emulation Barcode readers can simply replace the ISO TK2 mag-stripe reader on your system without any change on your hardware and software .

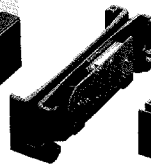
BCR410
BCR430



BCR250
BCR180C



BCR180



BCR200



BCR150B



We welcome OEM inquiries

- ★ Custom design manufacturing is available.
- ★ Custom programming of the device is available.
- ★ Call factory for other configurations.



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