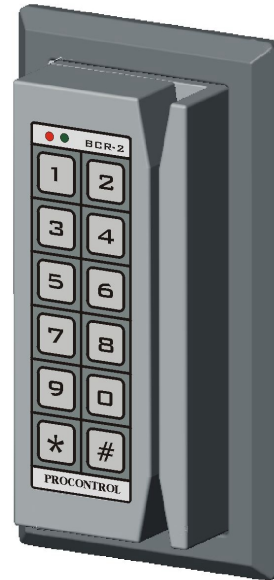


## BCR-2 Barcode Reader 0694-00

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### Features

- Rugged metal housing
- Double illuminating diode
- Single optic resolution
- Red and Infrared versions
- Security and laminated code reading
- "Good Read" LED indicator and beeper
- Undecoded PEN output version
- RS232, RS485 and PC AT/PS2 keyboard-interface decoded versions
- Built in 12 keyboard version
- Plug-in cable set
- Versions which can be mounted on the wall, on flat working planes and desk versions



### Applications

- Time & attendance terminals
- WIP terminals
- Access control: parking lots, laboratories, work areas, ski-lifts, etc.
- Automatic payment and ticket acceptance in: sports areas, public transport, health services, etc.

### General Description

BCR-2 is a family of bar code readers designed for data collection applications in both commercial and industrial environments.

The slot readers are available in both red and infrared versions with double resolution optics designed to read high and low density codes.

The double diode illumination method allows High First Read Rate on scratched and dirty bar codes and is capable of scanning multi-laminated cards.

The BCR-2- have pen output and can be connected to any compatible decoders or to any external device that accepts pen input.

The BCR-2 barcode reader can be ordered with RS232, RS485 and PC AT or PS2 keyboard interface. All barcode reader connect to any PC type computer using the cables on the "BCR and reader's assortments list" below.

All the decoded versions are supplied with a quick reference bar code configuration manual. Should the default settings not match the particular application, the user can customize them through the serial channel or bar code strings.

The BCR-2 can be installed on a flat working plane, attached to the wall and a desktop version is also available according to specific application needs.

The decoded versions of the BCR-2 barcode reader optionally can be built with a 12 keyboard as well.

<b>BCR and reader's assortments list</b>		
		<b>TYPE</b>
<b>Barcode reader Without keyboard</b>	PEN output built in connector	BCR-2/P/C
	PEN output rear mDIN connector	BCR-2/P/H
	PEN output built in front mDIN connector	BCR-2/P/M
	RS232 interface built in connector	BCR-2/232/C
	RS232 interface rear mDIN connector	BCR-2/232/H
	RS232 interface front mDIN connector	BCR-2/232/M
	RS485 interface built in connector	BCR-2/485/C
	RS485 interface rear mDIN connector	BCR-2/485/H
	RS485 interface front mDIN connector	BCR-2/485/H
	WEDGE for PC AT/PS2 keyboard built in connector	BCR-2/W/C
	WEDGE for PC AT/PS2 keyboard rear mDIN connector	BCR-2/W/H
	WEDGE for PC AT/PS2 keyboard front mDIN connector	BCR-2/W/M
<b>Barcode reader With keyboard</b>	RS232 interface built in connector	BCR-2/232/C-T
	RS232 interface rear mDIN connector	BCR-2/232/H-T
	RS232 interface front mDIN connector	BCR-2/232/M-T
	RS485 interface built in connector	BCR-2/485/C-T
	RS485 interface rear mDIN connector	BCR-2/485/H-T
	RS485 interface front mDIN connector	BCR-2/485/H-T
	WEDGE for PC AT/PS2 keyboard built in connector	BCR-2/W/C-T
	WEDGE for PC AT/PS2 keyboard rear mDIN connector	BCR-2/W/H-T
	WEDGE for PC AT/PS2 keyboard front mDIN connector	BCR-2/W/M-T

#### Accessories for decoded versions

<b>BCR accessories list II.: accessories which can be ordered separately</b>	
<b>NAME</b>	<b>TYPE</b>
flat working plane for mounting on the wall	BCR-S
Flat working plane lining	BCR-SZB
Drilling / assembling shape	BCR-SB
Rubber kit for desk placement	BCR-G
Screw terminal for rear connection (only for type 'H' readers)	BCR-SK
Wall box for sunk mounting	BCR-FD
Pawls and accessories for wall box fitting	BCR-PS2
Cable for 9P-RS232 PC connection	BCR-232-9
Cable for 15P-RS232 PC connection	BCR-232-15
Cable for PC AT keyboard connection	BCR-AT-W
Cable for PS2 keyboard connection	BCR-PS2-W
Power supply for barcode reader 230V / 12V 500mA	BCR-PSU



## Specifications

POWER SUPPLY	5 Vdc $\pm$ 5%; 12Vdc $\pm$ 5%
POWER CONSUMPTION	35 mA max. (PEN)
	45 mA max. @ 5 Vdc (RS232 / RS485 / WEDGE)
DEPTH OF FIELD	3 mm
SCAN RATE	0.1 to 2 m/sec
PRINT CONTRAST RATIO	15% red version; 30% infrared version
DIGITAL OUTPUT	NPN transistor with internal 2.7 KW pull-up resistance;
READING INDICATORS	Led, beeper
INTERFACES	RS232, RS485 Wedge (PC IBM AT/PS2)
READABLE BAR CODES	2/5 family, EAN/UPC, Code 39, Codabar, Code 128, Code 93
PROGRAMMING METHOD	- Manual: Reading special bar codes - Automatic: (with RS232): S/W commands through the serial port
WEIGHT	About 180 g without cable
CASE MATERIAL	Cast aluminum
CABLE LENGTH	2 m for "C" type readers
AMBIENT LIGHT CONDITIONS	10,000 lux (light angle 80°)
OPERATING TEMPERATURE	0 to 55 °C (32 to 131 °F)
STORAGE TEMPERATURE	-20 to 60 °C (-4 to 140 °F)
HUMIDITY	90% non condensing
VIBRATION RESISTANCE	0.75 mm at 10 to 55 Hz, 2 hours sinewave
PROTECTION CLASS	IP50