

INTRODUCTION

The BC-100U/300 series Barcode card reader are powerful all-in-one units, with a hi-density infrared optical sensor and built-in fuzzy logic decoder for reading mini , wrinkled & ragged bar codes. The bar code data is transmitted to the computer and is showed on the monitor as if it had been keyined from the keyboard. The keyboard also remains fully function.

Features

- . Reading speed-range from 5 to 280cm/sec.
- . Resolution up to 0.116mm.
- . USB output.
- . Programmable multi-setting.
- . Reads high, medium and low resolution bar code, or even those produced by dot matrix printer.
- . Reads all major codes:UPC-A,EAN/JAN-13(with adden.),UPC-E
EAN/JAN-8, Code 39, Code 25, Code128,
Codabar, Code 93,Code 11,NW7 ,,,,

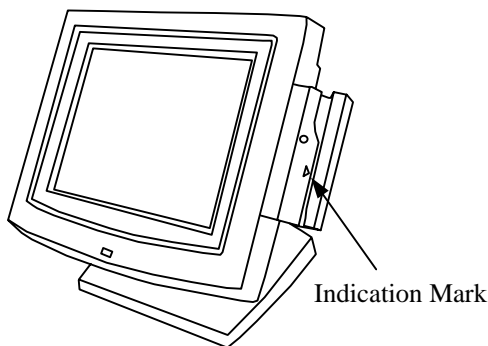
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Hardware Specifications

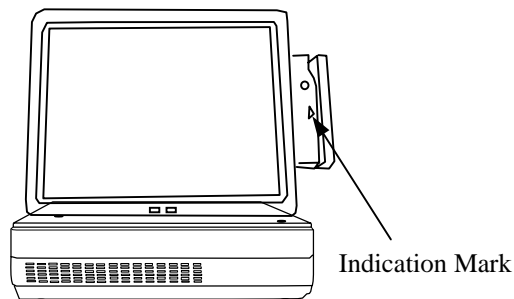
Reading Speed	5 to 280 cm/sec. At 0.19mm
Source	Infrared /940 nm, Visible /660 nm
Sensor	Hi-density photo image sensor
Resolution	0.116 mm
PCS Value	0.45 or above
Output Interface	USB
Power Consumption	60 mA / 5V

HARDWARE INSTALLATION

Installed as side mount option BC-100U to Jiva (TP) series or BC-300 to HT series or TM-7112 series.



BC-100U mount onto Jiva (TP) series



BC-300 mount onto HT or TM-7112 series

About Buzzer Indicator

The buzzer-tone indicator as follows:

System Boot Up	"high-tone "
Self-test Fail	"continuous short high-tone"
Normal Reading	"beep "
Enter Setup Mode	"high-tone , low-tone"
Exit Setup Mode	"high-tone , low-tone"-- 2 times
Invalid Exit	"long high-tone, long low-tone"

System Boot Up	" — " "
Self-test Fail	"- - - - -"
Normal Reading	" — " "
Enter Setup Mode	" — — — — " "
Exit Setup Mode	" — — — — — — — — " "
Invalid Exit	" — — — — — — — — — — " "

CONFIGURATION

BC-100U/300 Series is built-in with multi-programmable micro-controller. The user can separately purchase the setup card kit to configure all functions.

Using The Reader

1. Making the card with barcode label.
 - . The horizontal center of the barcode is 10 mm from the bottom edge.
 - . The thickness of ID card is 1.5 mm . (maximum)
 - . The height of barcode label is 10 mm . (minimum)



1. The barcode on the card should face toward the indication mark on the reader
2. Be sure that the bottom edge of the card touches the bottom of the reader.
3. Take the card and slide it through the reader in direction from top to bottom.