BS-115

| 32 Bit CPU |
| Visible Laser Diode |

BS-115

Great Laser scanner with high performance for every application

1. Enhanced technology

Keep up with the enhanced technology, BS-115 series laser scann er built-in 32-bit CPU with excellent scanning performance. It's PnP(Plug and Play)device which allow you to have the interface cable change among the K/B wedge, RS232 and USB

2. Auto-sensor function built-in

BS-115 has the auto-sensor function built-in, and it help you to get the barcode data collection even for the hand free operation. The hand-free high stand is optional.

3. Powerful functions for your applications

a. Discriminate most of the exiting barcode symboliges in the market

b. With log depth of field(DoF) : 10-60cm based on PCS90%@code39

c. With a scan rate of 100mm/second.

4. Easy operation and easy users settings

BS-115 is a gun type handheld laser scanner which built-in powerful decoding functions. The user can have his-own setting based on our operation manual.

Ordering Information:

BS-115[X][Y]: Handheld laser scanner
X : B=Black color
Y : U=USB interface. R=RS232.

Specification

Scan Speed	100 Scans/sec. with Auto-sensing
Light Source	Visible Laser Diod 650±10mm
Resolution	0.075mm (3mil)
PCS value	45% or more
Skew Angle	±45º
Pitch Angle	±60º
Scan Distance	10-60cm (PCS90% @ code39)
Host Systems Interface	KB wedge, RS232 and USB(HID) Interface
Decodable Capability	Code 39, Full ASCII Code 39, Code 32, Code 128, Code 93, Code 11, Codabar/NW7, All UPC/EAN/JAN code (EAN-13, EAN-8, UPC-A, UPC-E, EAN-128), Interleave 2 of 5, STD 2 of 5, Industrial 2 of 5, matrix 2 of 5, Chinese Postage Code, IATA, MSI/PLESSY, Italian Pharmacy Code, Telepen
Option decodable	RSS-14, RSS Limited, RSS Expanded

Electrical

Voltage	5V DC ±5%
Operation Current	150mA
Stand-by Current	70mA

Environment

Operating Temperature	32°F to 105°F (0℃ to 50℃)
Storage Temperature	-40°F to +140°F (-26℃ to 60℃
Humidity	10% to 90% RH
Drop	Approved by 1.5M drop test on concrete
Ambient Light Rejection	6000 Lux max. (Fluorescence)
Safety Approval	FCC, CE, RoHS

Physical

Case Material	ABS + Rubber
Dimension	L: 166mm W: 66mm H: 86mm
Weight	130g
Cable	1.8m coiled or straight Cable

BIRCH TECHNOLOGY INC