**NCTS LB1 Specifications

PHYSICAL CHARACTERISTICS**

Dimensions
97 mm x 67 mm x 165 mm (L\*W\*H)
Weight
178.9g

**ENVIRONMENTAL**

Temp
-20°to 65°C / -4°to 149°F(operation)
-30°to 70°C /-22°to 158°F(storage)
Humidity
5 - 90% (operation) ) 5 - 90% (storage)
Ambient light
Fluorescent light 4,000 lx max , direct sun light 80,000 lx max , white light 4,000 lx max
Shock drop test
1.5m drop onto concrete surface
MBTF
30,000 hours except laser diode(10,000 hours) and except mirror scan unit(10,000 hours)

**ELECTRICAL**

Interface
USB HID KEYBOARD/USB VCP/RS-232
Voltage requirement
DC 5V±10%
Current consumption
Max: 120mA

**OPTICAL CHARACTERISTICS**

Light source
650nm visible laser diode
Scan Method
Bi-directional

**PERFORMANCE CHARACTERISTICS**

Operating mode
Single read
Multiple read
Continuous read
Scan rate
100±20 scans/second
Decode angle
Pitch angle:±30°
Skew angle:±60°
Tilt angle:±40°
Curvature
R≥15 mm (EAN8)，R≥20 mm (EAN13)（resolution=0.26mm，PCS=0.9）
Min .PCS value
〉30%UPC/EAN 13（13mil）
Min.Resolution
0.101mm/4mil（PCS 0.9）
Error Rate
1／500W
Language
multiple languages

**SUPPORTED BARCODE SYMBOLOGIES**

EAN13，EAN8，UPC A，UPC E，CODABAR（NW-7），CODE 39，CODE 93，INTERLEAVED 2OF5，
STANDARD 2OF5，MATRIX 2OF5，CODE 128，EAN/UCC 128，CODE 11，CHINESE POST