**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