**NCTS NLO2 Specifications**  
  
  
**PHYSICAL CHARACTERISTICS**

Dimensions (L\*W\*H)  
95mm\*100mm\*158mm(3.74in\*3.94in\*6.22in)  
Weight  
296g(10.44oz)  
Configurations  
Decoding  
   
  
**ENVIRONMENTAL**

Temp  
0° to 40°C / 32° to 104°F(operation)  
-40° to 70°C /-40° to 158°F(storage  
Humidity  
5 - 90% (operation)  
5 - 90% (storage)  
Ambient light  
Fluorescent light 4000lx max, direct sun light 80,000lx max ,white light 4000lx max  
Shock drop test   
1.2m drop onto concrete surface  
  
   
**ELECTRICAL**

 Interface  
RS-232/USB HID KEYBOARD/USB VCP/  
Voltage requirement   
5VDC±10%  
Current consumption   
Max:200mA  
   
  
**OPTICAL CHARACTERISTICS**

 Photo sensor  
CMOS array sensor  
Sensor resolution  
1280X800 pixels  
Aim light source  
Red LED  
   
**SCANNING PERFORMANCE**

Min resolution  
1D: 4mil(0.127mm)  
2D: 8.3mil(0.25mm)  
Min.PCS value  
〉25%UPC/EAN 13（13mil）  
Field of View   
60°(H),40°(V)  
  
**SUPPORTED BARCODE SYMBOLOGIES**

1D： Codebar，Code128, Code39,Code39,Code93,Code11,EAN13，EAN8，GS1-Databar，GS1-128（EAN-128），Interleaved 2 of 5，Matrix 2 of 5，Industry 2 of 5，UPC-A，UPC-E，ISBN，ISSN  
   
2D： PDF417, Data Matrix, QR Code Micro PDF417，Micro QR Code Aztec Code