**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