**NCTS NB2D1**

**Specifications**  
  
**PHYSICAL CHARACTERISTICS**

Dimensions  
67 mm H x97 mm W x165 mm (L\*W\*H）  
Weight  
122.8g  
  
   
  
**ENVIRONMENTAL**

Ambient Light  
fluorescent light 4000 lx max, direct sun light 80,000 lx max ,white light 4000 lx max  
Operating Temperature  
-20°C to 60°C / -4°F to 140°F  
Storage Temperature  
 -40°C to 80°C /-40°F to 176°F  
Humidity  
5%-90%  
Shock Drop Test  
1.2m drop onto concrete surface  
   
  
**ELECTRICAL**

Interface  
USB HID KEYBOARD/USB VCP  
Voltage Requirement  
5VDC±10%  
Current Consumption  
Max:120mA  
   
  
**OPTICAL CHARACTERISTICS**

Photo Sensor  
CMOS array sensor  
Sensor Resolution  
640X480 pixels  
Aim Light Source  
Red Bar LED  
Light Source  
white LED\*1  
   
  
**SCANNING PERFORMANCE**

Scan Rate  
Up to 30fps  
Scan Angle  
Pitch angle: ±65°  
Skew angle: ±60°  
Tilt angle: ±180°  
Min X Dimension  
1D:5mil(0.127mm)  
Print Contrast  
〉25%UPC/EAN 13（13mil）  
Field of View  
34°(H),26°(V)  
  
   
**SUPPORTED BARCODE SYMBOLOGIES**

1D: UPC/EAN,Code 128, Code 39,  
Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Coda bar, MSI  
  
2D: QR, PDF417, Data Metrix