NCTS CBB2

Specification

PHYSICAL CHARACTERISTICS

Communication Frequency  
2.402 to 2.480GHz Adaptive frequency hopping  
Transmission Range  
≤10M（In empty area 15M ）  
Memory  
104500@13Byte barcode  
Communication Mode  
Read-time mode/Inventory mode  
Dimension (LxWxH)  
98mm x 49 mm x 22 mm (3.9 in x 1.9 in x 0.9 in)   
Weight  
120g（4.2oz）  
  
  
ELECTRICAL

Voltage Requirement  
DC 5V±10%  
Current Consumption  
Max:120mA  
Battery Capacity  
800mAh (Lithium battery)  
Expected Operation Time  
5h（continuous reading situation）  
7h（Manual reading situation）  
More than 15 days（Stand-by time）  
Charging Time  
2.5 hours  
Interfaces  
USB HID KEYBOARD  
   
  
ENVIRONMENTAL

Operating Temperature  
-20° to 60°C / -4° to 140°F   
Storage Temperature  
-40° to 80°C /-40° to 176°F  
Humidity  
5 to 90% (operation) ) 5 to 90% (storage)  
Shock Drop Test  
Designed to withstand 1.2m (4ft) drops to concrete  
Ambient Light  
Fluorescent light maximum 4000 lx, direct sunlight maximum 80,000 lx, incandescent light maximum 4000 lx  
  
  
SCAN PERFORMANCE

Sensor Resolution  
CMOS array sensor (648 x 488 pixel array)  
Decode Angle  
Pitch angle:±65°  
Skew angle:±60°  
Tilt angle:±180°  
Min Resolution  
1D:5mil(0.127mm)  
Min.PCS Value  
〉30%UPC/EAN 13（13mil）  
Field of View  
34°(H), 26°(V)  
Language  
Multiple languages  
  
  
**Decode Capabilities**

1D：UPC/EAN, Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Coda bar, MSI, GS1 Data bar  
2D：QR, PDF417, Data Matrix