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