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# NuScan 4100B

## Bluetooth Antimicrobial Waterproof CCD Barcode Scanner



### Waterproof & Antimicrobial

Sealed with a silicone material overlay, this scanner is a 100% waterproof, oil proof and dust proof and can be cleaned with soap and water or other liquid cleaners. Ranked at IPX67 Waterproof Standard, this device can withstand underwater one meter for 30 minutes. The Nuscan 4100 is made with antimicrobial material which prevents the growth of harmful bacteria and protects against the buildup germs between washings.

### Bluetooth Wireless Technology with Charging Cradle

Take your Nuscan 4100 within a 30 foot range of your Android, iOS or Windows or Mac computer and scan barcodes freely without the hassle of tangled cords. After hours of scanning use, place the scanner on the cradle for charging convenience and never worry about replacing batteries.

### Impact Resistant

With the scanner's CCD engine and durable silicone plastic material, it makes the Nuscan 4100 less likely to become damaged due to accidental drops from as high as 20 ft off the ground since it can withstand 2000g of impact force.

### Superior Scanning Performance

With 200 scans per second rate and innovative high pixels, this CCD barcode scanner offers fast and accurate scanning results.

### Long Scanning Range

The CCD sensor is able to scan barcodes up to 12 inches scan depth.

Decoding Capabilities	
1D Barcodes	UPC/EAN/JAN, UPC/EAN with supplementary, JAN 8 & Jan 13, ISBN/ISSN, Japanese Bookland EAN, Code 39, Code 39 with full ASCII, Codabar (NM7), Code 128, Code 128 with full ASCII, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code & Code 32

 Class II Bluetooth® Wireless Technology	 Waterproof	 Shock Resistant	 Antimicrobial	 Superior Scanning Performance	 Long Scanning Range
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### Specifications:

#### Operational

Light Source	630 nm visible red LED
Microprocessor	32 bit
Depth of Field	0 – 12 inches (UPC/EAN 100%, PCS=90%)
Scan Angle	42°
Scan Rate	200 scans per second
Minimum Bar Width	0.1 mm Code 39, PCS=90%)
Print Contrast	Min. 25% @ UPC/EAN 100%
Indicators (LED)	Blue LED successful scan / Red scanning beam
Alert Operation	Programmable tone & beep time
Communication	Bluetooth 3.0 Compliant
Scanning Range (Open Area)	10 m / 30 ft

#### Electrical / Power Specifications

Input Voltage	4.2 VDC ±0.5V
Battery Type	Polymer Rechargeable Battery
Charge Time	2~2.5 hours
Scans Per Charge	25,000 scans when fully charged

#### Regulatory

EMC	CE & FCC DOC compliance, VCCI, BSMI
Operating Current	140±10 mA

#### Physical

Dimensions	7" x 4" x 2.75" inches (178 x 100 x 70 mm)
Weight	0.60 lb (260 g; cable excluded)
Cable	6 ft (2m)

#### Environmental

Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 70°F)
Humidity	5% ~ 95% RH (non-condensing)
Shock	Designed to withstand an impact force of 2000g & drops of up to 20 ft

### Requirements:

Operating System	Windows® 7 & above; Mac® OS X; iOS & Android
Interface	Bluetooth (USB port required for charging cradle)

### Includes:

- \* Adesso NuScan 4100B Bluetooth Antimicrobial Waterproof CCD Barcode scanner with charging cradle / holder
- \* Quick Start Guide

### Shipping Information:

Item	Connection	UPC Code	Box Dimensions	Box Wt.	Qty/Ctn
NuScan 4100B	USB	783750006736	10.5" x 7.2" x 4.5"	2 lb	5/10

