Class IV Bluetooth® Wireless Technology	Portable Ring Design	2D Scanning Engine	2.4GHz RF Wireless Technology

■ Bluetooth® Wireless Technology

Connect the scanner to your iOS/Android device or PC with ease and enjoy scanning barcodes wirelessly up to 50 feet away.

■ Portable Ring Design

Weighing at less than 3 ounces, the NuScan 4300B is extremely light weight and portable, making it easily the perfect scanning solution wherever you go.

■ 2D Scanning Engine

The 2D scanning engine offers decoding capability for 2D barcodes like PDF417, Data Matrix, QR Code, MicroQR as well as common 1D barcodes.

■ Drop Protection

With its drop protection and rugged design, the NuScan 4300B can withstand accidental drops of up to 5 feet.

■ Superior Scanning Performance

Equipped with its CMOS sensor the device has a motion tolerance of 24 inches per second, offering fast and accurate scanning results.

■ Long Scanning Range

The 2D CMOS decoding engine is able to scan barcodes up to 12 inches scan depth.

Specifications:

Imager:	1280 x 800 CMOS
Light Source:	650 ± 10 nm visible red LED & White
Depth of Field:	0-12 inches (@20mil EAN-13, PC 100%)
Scan Angle:	Roll: ±360°, Pitch: ±45°, Yaw: ±40°
Motion Tolerance:	24 inches per second (IPS)
Minimum Bar Width (1D):	5 mil/0.127 mm @ PCS 90%, Code 39
Minimum Bar Width (2D):	10 mil/0.254 mm @ PCS 80%, Data Matrix.
Print Contrast:	PCS 30% EAN13 @10mil
Wireless Range:	15m / 50 ft.
Communication:	Bluetooth 5.0 Compliant
Indicators (LED):	Red
Alert Operation:	Programmable Beeper Tone
Input Voltage:	3.3 ± 5% VDC
Operating Current:	132 ± 13mA (at maximum)
Battery Capacity:	Lithium Ion Battery Rated at 500mAH
EMC:	FCC, CE, RoHS
Dimensions:	4.21 (L) x 1.89 (W) x 1.0 (H) in. (54 x 42 x 44 mm)
Weight:	2.96 oz. (44 grams, excluding cable)
Cable:	3' 4" (1 meter)
Operating Temperature:	-20°C to 50°C (-4°F to 122°F)
Storage Temperature:	-40°C to 70°C (-40°F to 158°F)
Humidity:	5% to 95% (non-condensing)
Light Levels:	Max 70,000 lux
Shock:	Withstanding 1.5m freefall drops

Requirements:

Operating System:	Windows® 7 & above; Mac® OS X;iOS & Android
Connectivity Interface:	Bluetooth 4.2 or 2.4G Wireless (USB port required for charging cable)

Includes:

Adesso NuScan 4300B
Charging Cable
Quick Start User Guide

Shipping Information:

Item	UPC Code	Package Dimensions	Package Weight	Qty/ Carton
NuScan 4300B	783750012171	5.3" x 4.5" x 1.9"	0.17 lbs	10/40

Decoding Capabilities	
1D Barcodes	UPC/EAN/JAN, UPC/EAN with supplementary, JAN 8 & Jan 13, ISBN/ISSN, Code 39, ASCII, Codabar, Code 128, Code 93, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, GS1 DataBar, Matrix 2 of 5.
2D Barcodes	QR, Micro QR, PDF417, Datamatrix, Azetec, Matrix

Mac

Windows 10 Compatible

FC CE