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# NuScan 2900

## Bluetooth and Wireless 2D Barcode Scanner



The NuScan 2900 is a versatile 2D barcode scanner featuring dual connectivity options—Bluetooth and 2.4GHz RF—for seamless wireless operation. Designed for flexibility and efficiency, it delivers fast, accurate scans of both 1D and 2D barcodes on paper or digital screens, making it ideal for retail, warehouse, and office environments. Its ergonomic design ensures comfortable use, while the reliable wireless range enhances productivity.

### ■ 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.

### ■ Bluetooth and 2.4Ghz Connection

Featuring dual connectivity options: Bluetooth for seamless wireless operation with mobile devices, tablets, and computers, and 2.4GHz wireless via a USB dongle for a stable, long-range connection. Effortlessly switch between

### ■ Superior Scanning Performance

Equipped with its CMOS sensor the device has a motion tolerance of 5 inches per second, offering fast and accurate.

### ■ Drop Protection

With its drop protection and rugged design, the NuScan 2900R can withstand accidental drops of up to 5 feet.

### ■ Long Scanning Range

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



2D Scanning Engine



Bluetooth/2.4Ghz Connection



640 x 480 Cmos



Superior Scanning Performance



Drop Protection

### Specifications:

|                         |                                                                     |
|-------------------------|---------------------------------------------------------------------|
| Imager:                 | 640 x 480 CMOS                                                      |
| Depth of Field:         | 0-12 inches (@35mil EAN-13, PC 100%)                                |
| Scan Angle:             | Roll: $\pm 360^\circ$ , Pitch: $\pm 70^\circ$ , Yaw: $\pm 70^\circ$ |
| Minimum Bar Width (1D): | 4.7 mil/0.127 mm @ PCS 90%, Code 39                                 |
| Minimum Bar Width (2D): | 10 mil/0.254 mm @ PCS 80%, Data Matrix.                             |
| Print Contrast:         | PCS 20% EAN13 @ 13mil                                               |
| Communication:          | Bluetooth / 2.4Ghz                                                  |
| Indicators (LED):       | White, Red                                                          |
| Alert Operation:        | Programmable Beeper Tone                                            |
| Operating Hours:        | 14 hours (10 sec/scan)                                              |
| Battery Capacity:       | 2000 mAh polymer lithium battery                                    |
| EMC:                    | FCC, CE, RoHS                                                       |
| Dimensions:             | 6.5 (L) x 2.64 (W) x 4 (H) in. (165 x 67 x 102 mm)                  |
| Weight:                 | 0.32 lbs (146g)                                                     |
| Operating Temperature:  | -10°C to 60°C (14°F to 140°F)                                       |
| Storage Temperature:    | -40°C to 70°C (-40°F to 158°F)                                      |
| Humidity:               | 5% to 95% (non-condensing)                                          |
| Light Levels:           | Max 100,000 lux                                                     |
| Shock:                  | Withstanding 1.5m freefall drops                                    |

### Requirements:

|                         |                                              |
|-------------------------|----------------------------------------------|
| Operating System:       | Windows® 7 & above; Mac® OS X; iOS & Android |
| Connectivity Interface: | Bluetooth/2.4Ghz                             |

### Includes:

Adeso NuScan 2900  
2.4Ghz Receiver  
Scanner Holder  
Quick Start User Guide

### Shipping Information:

| Item        | UPC Code     | Package Dimensions | Package Weight | Qty/ Carton |
|-------------|--------------|--------------------|----------------|-------------|
| NuScan 2900 | 783750014267 | 5.3" x 4.5" x 1.9" | 0.17 lbs       | 10          |

| 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                                                                                                                                                    |

