



# NuScan 2100U Handheld CCD Barcode Scanner

www. adesso.com



CCD Sensor



Scan Speed



Scan Depth

The NuScan 2100U handheld barcode scanner is a long range CCD scanner that is designed to offer an unsurpassed combination of flexibility and power. Its long range CCD sensor can read up to 12 inches away from barcodes and its 32-bit microprocessor with 330 scans per second provides a faster and more accurate performance than other CCD scanners in the market. The NuScan 2100U built-in decoder can read the majority of 1D barcodes in existence and offers a large variety of programmable settings; scanner configuration, data editing and barcode symbologies. The NuScan 2100U USB interface design and driver-less operation offers trouble-free compatibility with both Windows and Mac operating systems. Along with these great features the NuScan 2100U also has an ergonomic ultra-slim design that offers comfort –even for heavy users. The NuScan 2100U is the perfect tool for tracking your inventory quickly and comfortably.

### ■ Slim & Ergonomic Design

Sleek lines, easy-to-hold grip and a thumb-switch offers maximum comfort for long scanning use.

### ■ Superior Scanning Performance

The 330 scans per second rate and innovative high pixels CCD offers fast and accurate scanning results.

### ■ High Compability

Its built-in decoder can read the majority of 1D barcodes in existence and its driver-less operation makes it easy to use with both Windows and Mac operating systems.

### ■ Long Scanning Range

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

### Specifications:

#### Operational

Interface	USB 1.1
Light Source	617 nm visible red LED
Microprocessor	32 bit
Depth of Field	0 – 12 inches (UPC/EAN 100%, PCS=90%)
Scan Angle	42°
Scan Rate	330 scans per second
Minimum Bar Width	0.1 mm (Code 39, PCS=90%)
Print Contrast	Min. 30% @ UPC/EAN 100%
Indicators (LED)	Blue LED
Alert Operation	Programmable tone & beep time
Interface	USB

#### Power

Input Voltage	5 VDC ±5%
Operating Current	110 mA

#### Regulatory

EMC	CE & FCC DOC compliance, VCCI, BSMI
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#### Physical

Length	6 inches (152.3 mm)
Width	2.5 inches (64.4 mm)
Height	4.12 inches (104.9 mm)
Weight	0.26 lb (120 g; cable excluded)
Cable	6.5 ft (2.m)

#### Environmental

Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	5% ~ 95% RH (non-condensing)
Light Levels	Max. 100,000 Lux (fluorescence)
Shock	Designed to withstand 1.5m drops

### Requirements:

Operating System	Windows® 7, Windows® Vista, Windows® XP, Windows® 2000 & Mac® OS X
Interface	USB port

### Includes:

Adesso NuScan 2100U Handheld CCD Barcode Scanner  
Quick Start Guide

### Shipping Information:

Item	Connection	UPC Code	Box Dimensions	Box Wt.	Qty/Ctn
NuScan2100U	USB	783750003582	11.8" x 8.5" x 3.0"	1 lbs	10

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
Options	Industrial 2 of 5, Standard 2 of 5, GS1 DataBar, Matrix 2 of 5, Code 11, Telepen

