






NUSCAN 2800U

Omnidirectional 2D Desktop Barcode Scanner



Designed primarily for P.O.S. retail environments, the Adesso NuScan 2800U is a hands-free heavy-duty desktop barcode scanner that allows you to continuously and rapidly scan various barcoded items without omissions or errors on first-pass reads. Its built-in 640 nm engine and fast 30 FPS scan rate allow you to reliably read barcodes on various shapes and is a great space-saver for busy or limited workspaces.

 2D Scanning Engine	 Spill Resistant	 640 x 480 CMOS	 Superior Scanning Performance	 Drop Protection
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■ 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.

■ Spill Resistant

The scanner's spill resistant design helps to prevent fluids from staying inside, which would otherwise cause damage to the scanner.

■ Superior Scanning Performance

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

■ Drop Protection

With its drop protection design, the NuScan 2500TU less likely to become damaged due to accidental drops.

■ Long Scanning Range

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

Operational Specifications:

Picture Sensor	640*480 CMOS
Light Source	640 nm Visible-Red LED
Depth of Field	0-12 inches (@20mil EAN-13, PC 100%)
Scan Rate	30 FPS
Scan Pattern	Automatic induction continuous scan
Minimum Resolution Supported	10 mm 5 mil
Print Contrast	>20%
Light Level	0-70000LUX
Indicators	Blue/Red LED, Buzzer Alarm
Environmental Sealing	IP54
System Interface	USB & Serial Port

Electrical Specifications:

Input Voltage	5 ± 5% VDC
Working Current (USB)	133mA
Working Current (serial)	357mA

Environment Specifications:

Working Temperature	-20° C to 55° C
Working Humidity	5% to 95% relative humidity, non-condensed

Physical Specifications:

Dimension	3.87 x 3.87 x 5.79" (98.5 x 98.5 x 147.3mm)
Weight	0.88 lbs/400 g

Supported Symbologies

1D: EAN-8, EAN-13, EAN-13 2 add-on, EAN-13 5 add-on, ISSN, ISBN, UPC-A, UPC-E, Code11, Code 32, Code 39, Code 93, Code 128, Codabar, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, GS1-128, GS1 Databar (RSS14), GS1 DataBar Limited, GS1 DataBar Expanded
2D: PDF417, MicroPDF417, MicroQR, Data Matrix, QR, Aztec

Requirements:

Operating System	Linux, Android, Windows® 10/8/7/XP, Mac OS
Connectivity Interface	USB & Serial Port

Includes:

NuScan 2030U Scanner
Quick Start Guide

Shipping Information:

Item	UPC Code	Box Dimensions	Box Wt.	Qty/Ctn
NuScan 2800U	783750010627	7 x 6.6 x 4.7"	1.16 lbs	10

