

## NT-AW-80 Omnidirectional Scanner



*The Naiting AW-80 scanner can read 1D and 2D barcodes. It is designed for highly efficient retail checkouts, with a unique dual-modes design that enables seamless scanning of both merchandise barcodes and digital barcodes off customer smartphones.*

# 1. Introduction

## 1.1 Brief introduction

The Naiting AW-80 scanner can read 1D and 2D barcodes, not only accurately read the typical barcodes that are printed on paper labels and damaged barcodes, but also fast capture electronic barcodes displayed on the screen of a mobile phone or any other electronics screen.

Especially for 2D barcodes displayed on electronics screen, the scanner has high decoding ability for easily reading.

The award-winning shape enables handheld scanning of large, bulky items. For added flexibility, the scanning head can be tilted within a 30° range to accommodate objects of various sizes and shapes.

The AW-80 is a plug-and-play scanner, and installing it into existing checkout systems is easy. The AW-80 scanner also simplifies integration by drawing power directly through USB, eliminating the need for an additional power supply and cabling

The AW-80 scanner , the best-selling hands-free scanners of all time , is an innovative, elegant and affordable solution for convenience retail applications where counter space is at a premium.



## 1.2 Main features



### 1) Decode Capabilities

Reads all standard 2D and 1D barcodes



### 2) Superior Scanning Performance

The AW-80 is a plug-and-play scanner, and installing it into existing checkout systems is easy. The AW-80 scanner also simplifies integration by drawing power directly through USB, eliminating the need for an additional power supply and cabling



### 3) Adjustable Scan Head

The award-winning shape enables handheld scanning of large, bulky items. The adjustable scan head even allows cashiers to tilt the scanner 30° for targeted scanning of larger products.

## 2. Specification

OPERATIONAL PARAMETER	
Light Source	Aiming:617 nm LED
Image (pixels)	640pixels(H)*480 pixels(v)
Depth of Filed	30mm--320mm
Scan Angle	Left and right 60°/Front and Rear 60°/Move360°
Field of view	48° horizontally, 30° vertical
Read Resolution	≥ 4mil
Print Contrast	≥15%
Visual Indicator	Blue and Red double Colored LED light, Double Buzzer
Interface	USB: USB COM, USBHID , RS-232;
PHYSICAL CHARACTERISTICS	
Dimension (L*W*H)	105mm*101mm*162mm (L*W*H)
Weight	306g
Cable	Standard 1.8M straight
Material	ABS+PC
Shock	Designed to 1.5m drops
POWER PARAMETER	
Input Voltage	5VDC±10%
Working current	300mA
ENVIRONMENTAL PARAMETER	
Operating Temperature	-20°C~+60°C
Working Humidity	5%to 95% relative humidity, non-condensing
StorageTemperature	-40°C~+70°C
Light Levels	0 to 100,000 Lux (Daylight)
BARCODE TYPES	
<p><b>1D:</b> UPC/EAN/JAN,UPC-A &amp; UPC-E, EAN-8 &amp; EAN-13, JAN-8 &amp;JAN-13,ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 &amp; EAN128, Code 93, Interleaved 2 of 5 (ITF),Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code,Code 32 (Italian Pharmacode), RSS 14, RSS Limited, RSS Expanded</p> <p><b>2D:</b> Aztec Code; Data Matrix; MaxiCode; QR Code;HANXIN;MicroQR Code GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional;GS1 DataBarComposite; MicroPDF417; PDF417;</p>	

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