# SAVEO OMNI II

Introducing the next generation of omni directional, fixed standing barcode scanner. Featuring an ultra-high speed 2D CMOS scanning system, adjustable mounting bracket and auto-sensing, the SAVEO-OM-N12D is ideally suited to Commercial POS systems, Supermarkets, Transportation, Libraries, Postal Services, Banks, Telecoms, Industrial Manufacturing and many other automatic scanning applications.

## FEATURES

- **HIGH PERFORMANCE OMNIDIRECTIONAL SCANNING**

- **ULTRA HIGH-SPEED AUTOSENSING (2600 FPS)**

- **DUAL LED OPTIMIZED ILLUMINATION ARRAY**

- **LED STATUS INDICATOR, AUDIBLE BEEPER**

- **SINGLE USB CABLE FOR POWER AND DATA**

- **PLUG AND PLAY DRIVERLESS OPERATION MODE**

- **MULTI-INTERFACE OPTIONS (USB HID, VCOM, RS232)**

- **COMPACT MODERN DESIGN (145 X 85 X 105 mm)**

| DESCRIPTION | P/N |
|---|---|
| 2D Omnidirectional Barcode Scanner (2D CMOS, 2600FPS), Multi-Interface, OTG-HID (Default), USB Virtual COM Port, RS-232 serial modes) Adjustable Stand, USB Cable (for power and data) | SAVEO-OM-N12D |

## Specifications

| Performance characteristics | |
|---|---|
| Scan Engine | CMOS |
| Aiming LED | 655nm Laser |
| Illumination Element | 2x 625 nm LEDs |
| Depth of field | 0-270mm |
| Scan Speed | 2600 frames per sec (FPS) |
| Sensor | CMOS (1280 pixels H x 800 pixels V) |
| Best resolution | ≥ 4mil |
| Reading angle | Yaw (Skew) 72° Pitch 82° |
| Print contrast | ≥ 30° |
| Indicators | LED status Indictor & Audible Beeper |
| Interface | USB HID, USB Virtual COM Port, RS-232 (serial) |
| Triggering | Auto-sensing & Manual Scan Button |

| Electrical characteristics | |
|---|---|
| Input voltage | 5 VDC ± 0.5 V |
| Current - operating | Operating 780mA, Idle 255mA |

| Physical characteristics | |
|---|---|
| Dimensions | 145 X 85 X 105 mm (L x W x H) |
| Weight | 465 g +/- 5 g (Without cable) |

| User Environment | |
|---|---|
| Operating temperature | -20℃ to 50℃ |
| Storage temperature | -20℃ to 45℃ |
| Humidity | 5% to 85% relative humidity, non-condensing |
| Ambient Light | Maximum 96900Lux. (direct sunlight) |

| Symbologies |
|---|
| PDF417,  QRcode, Date Matrix, Maxicode, Aztec Code ,MicroQR ,Code39, FullASCⅡ,Codebar, Industrial2of5, Interleave2of5, Matrix2of5, Code93, Code128, Code32,  EAN 128,  MSI,  EAN 8&13,  UPCA&E,  Plessey,  Hanxin Code. |

| Packing details | |
|---|---|
| Inner Box | 1pc/box; 140mm*120mm* 170mm; 720g |
| Carton | 20sets/ctn; 11.8kg/ctn; 690mm×420mm×255mm |
| Certifications | FCC, CE, RoHs |