

MANGO SX4

Android Handheld with Laser Scanner



Ruggedized Android Built To Last

Finally, an affordable ruggedized handheld with an integrated laser scanner. All of the features you need in a single Android device!

- ▲ High Resolution 4" Screen
- ▲ Rugged IP 65 Case
- ▲ Bluetooth®
- ▲ Wi-Fi
- ▲ GPRS/GSM (2G/3G)
- ▲ High Resolution Camera
- ▲ Enhanced GPS Features
- ▲ 1D Laser Scanning

Perfect for tracking warehouse inventory using Wi-Fi! You can also use your data plan on the road to instantly communicate back to the office!

Scanner

Until now, it has been difficult to find a ruggedized Android handheld with a built-in laser scanner. Although the camera on an Android device can be used to scan bar codes, it can be a little slow to respond. If you do a lot of scanning, you will definitely enjoy the simplicity, accuracy, and speed of the laser scanner on the new Mango SX4.

Durability

This unit is built tough! It is part of our extended Mango X series. The rugged case firmly holds the built-in 1D scanner for extended life. The device comes in with an IP rating of 65. This means it can take dust, water and even a 4 foot (1.2 meter) drop to concrete. Repeatedly. No matter what warehouse or route conditions you throw at this device, it will keep on ticking. We back it up with a one-year warranty.

All-new magnetic end cap charger now included!

Options

Like the durability of the SX4 but need more? A 2D scanner? RFID? These are all available options through a customized version of the Mango SX4. Using our 'build-to-order' flexibility, various configurations can be delivered in less than 30 days. See the reverse side for configurable options to customize the SX4 to your own specific needs. You will be surprised at how affordable these options can be!

Value

The Mango SX4 represents a fantastic value for a rugged route handheld. With its integrated 1D scanner, and options for RFID or 2D scanner, it will last for years. It will stand up to the elements – whether on route or in your yard or warehouse.

To learn more about delivery options and current pricing, call our sales team at 1.209.632.1122 ext.247 or visit www.PDA4USA.com/MangoSX4.



Affordable Android Laser Scanning

SPECIFICATIONS

MANGO SX4 - Affordable Android Laser Scanning

QUICK OVERVIEW

Affordable scanning is available in a rugged, Android-based portable device. Not only is 1D laser scanning built in, but there are options for 2D scanning and even RFID, too!

PROCESSOR/MEMORY

Dual-Core, MTX 6572 1.2 GHZ

OPERATING SYSTEM

Android 4.4.2 (KitKat)

SCREEN

4.0 inch 800x480 Pixel Resolution
Operation with stylus or finger

DATA STORAGE

SD card up to 2 GB

BATTERY

5200 mAh

SIZE

158 x 75 x 28mm
(6.2 x 3 x 1.2 in.)

WEIGHT

300 grams (including battery)
(10 ounces)

CAMERA

Back: 5.0 Mega Pixel
Front: None
Flashlight and AF

KEYBOARD

One 12 digit numeric keypad
One power button, reset,
three barcode buttons,
four application buttons,
five user-defined controls

ENVIRONMENT

IP-65 rated
4 foot (1.2 Meter) drop test to concrete
Operating: -4 to 122 °F (-20 to 50°C)
Storage: -4 to 158 °F (-20 to 70 °C)
Battery Charging Temp: 32 to 104°F (0 to 40°C)

COMMUNICATIONS

Wi-Fi: 802.11b/g/n
Bluetooth: 4.0
USB: USB 2.0 Built-In

GPRS

3G: GSM 850/900/1800/1900MHz

2G: WCDMA 850/2100MHz

Dual SIM slots

You can use the phone for both voice
and data communications

GPS

Support A-GPS, EPO

1D SCANNING (STANDARD)

Honeywell N4313: Decoding - error rate < 0.01%
Code 39, Code 93, Code 128,
Code bar, EAN-13, EAN-8, UPC-A, UPC-E, ITF
UCC/EAN-128, ITF 25, Matrix 25, EAN-128, ISBN
Read distance 0 cm - 50 cm (.1" to 19")
Read Speed 104 ± 12 scans/S
First read rate > 99%
False reject rate < 0.01%

2D SCANNING (OPTIONAL)

Honeywell- 6603 Decoding - error rate < 0.01%
2D: PDF417, MicroPDF417, MaxiCode, Data Matrix,
QR Code, Aztec, Aztec Mesa, Code 49, UCC Compos-
ite
1D: Code 39, Code 93, Code 128, Code bar, EAN-13,
EAN-8, UPC-A, UPC-E, ITF UCC/EAN-128, ITF 25,
Matrix 25, EAN-128, ISBN
Postal: Postnet (US), Planet Code, BPO 4 State,
Canadian Post, Japanese Post, KIX (Netherlands) Post

AUDIO

Mono Speaker
2.5 mm diameter stereo jack output
One internal microphone

PORTS

USB Mini- (Charging/communication)
Earphone
Volume (up/down)

WARRANTY

1 year warranty - Subject to terms

PACKAGE INCLUDES

Handheld, Earphone/microphone, stylus,
AC charger, DC adapter, magnetic
charging end cap and a mini USB

DOCUMENTATION

Quick start guide
User Guide
Web access

OPTIONAL SCANNING FEATURES

RFID - Hi

Frequency 13.56MHz
Baud Rate 9600-115200 bits/s
Support ISO/IEC 14443A/14443B/15693
Mifare One S50/Ultralight/One S70/Pro,
Ntag203, AT88RF020,66CL160S, SR176,
SRIX4K, I-code 1/2, TI RFID Tag-it HF-I,
EM4135, EM4034

Also support for **RFID - Lo 125Khz**

OPTIONAL ACCESSORIES

Leather Holster (for handheld and printer)
Battery Pack / Battery charger
Docking Cradle for charging the unit

SOFTWARE COMPATIBILITY

RMA Series 7 Version 7.0.2 and later

Advantage Route Systems of Turlock, California, USA is a global distributor of route automation solutions. Since 1994, ARS has been the leader in route accounting, handhelds, GPS and other applied technologies for Bottled Water, Water Treatment, Ice, Propane, Oil Recycling, coffee, and many more industries. With an installed base of over 5,000 routes in 45 countries, ARS consistently brings quality products to the market for progressive companies. Our 24x7 world-wide customer service center is second to none.

For pricing, visit our website: www.PDA4USA.com/MangoSX4



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