

## Apex i

### Durable Mobile Receipt Printer



The Apex *i* series is an ideal lightweight and economical solution for portable receipt printing needs in today's dynamic and open architecture environments. The new Apex *i* is compatible with Apple iPhone®, iPad® and iPod® using iOS 5, iOS 6 and iOS 7 and is easily connected via Bluetooth®. The Apex *i* meets your needs without sacrificing on quality or performance.

Designed for mobile workers—utilizing Apple® iOS devices, the Apex *i* portable printers include a simple drop-in paper system that allows users to quickly replace paper rolls and a high capacity battery with easy charging options. Its light weight and compact design allows the Apex series to be worn comfortably on the belt or with a shoulder strap during long work shifts. These user-friendly features mean you can go through your busy day knowing the Apex *i* printer will keep up with you.

The affordable Apex *i* offers the features you need, without the costly extras found in other products. The Apex *i* comes standard with wireless communication, fast print speed, ample memory and fast processing power and can keep pace with printers costing twice as much. The Apex *i* is also available with an optional magnetic strip card reader.



*The Apex *i* series has over-molded rubber bumpers for extra durability and has been validated in IEC68 certified labs for operating temperature, storage temperature, humidity, shock and vibration.*

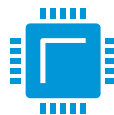
## FEATURES & BENEFITS



Compatible with Apple iPhone®, iPad® and iPod® using iOS 5, iOS 6 and iOS 7 and is easily connected via Bluetooth®.



Apex *i* printers are light enough to wear all day, everyday and small enough that they don't hinder movement.



Supported by Arm-7, 32-bit architecture RISC processor, making them as fast as printers costing almost twice as much.



Shipped with a battery, power supply, belt clip or shoulder strap, sample media and RS232 or USB wireless communications.



Supports the printing of graphics, 1D and 2D bar codes.

# Technical Specifications

## PHYSICAL CHARACTERISTIC

### Dimensions (HxWxD):

**Apex 2i:** 135 x 103 x 60 mm (5.1 x 4.1 x 2.4 in)

**Apex 3i:** 156 x 127 x 58 mm (6.1 x 5.0 x 2.3 in)

**Apex 4i:** 191 x 166 x 63 mm (7.5 x 6.5 x 2.5 in)

**Weight:**\* 0.42 kg (14.7 oz); 0.52 kg (18.5 oz);  
0.75 kg (26.5 oz)

**Weight:**\*\* 0.53 kg (18.7 oz); 0.75 kg (26.5 oz);  
1.02 kg (36.1 oz)

**Drop Specification:** 1.2 m (4 ft)

\*With battery

\*\*With battery and paper roll

## USER ENVIRONMENT

**Operating Temperatures:** -10°C to 50°C  
(14°F to 122°F)

**Storage Temperatures:** -20°C to 60°C  
(4°F to 140°F)

**Charging temperatures:** 5°C to 40°C  
(41°F to 104°F)

**Relative Humidity Range:** 10% RH to 85% RH  
non-condensing

**ESD Protection:** 8kV air gap, 4kV contact

## PRINT TECHNOLOGY

**Printhead:** Direct thermal, 8 dots per mm  
(203 dots per in)

**Print Mechanism Speed:** 51 mm per second  
(2 inches per second)

## COMMUNICATION

**Serial:** RS232, up to 115.2 kbps

**USB:** 2.0 (Apex 3 & 4 only)

**Bluetooth®:** Version 2.1, Class 1

## MEDIA

**Media Type:** Direct thermal receipt paper  
(standard, premium, heavy duty, long-life, image  
protect, hi-temp, and all weather)

*For optimum print quality and printer  
performance, use certified Honeywell  
media supplies.*

## AGENCY APPROVAL

Contact your Honeywell sales representative for  
the most recent list of agency approvals.

## BARCODES/FONTS/GRAPHICS

**Linear Symbologies:** Codes 39, Code128 A/B/C,  
UCC/EAN-128, Interleaved 2 of 5, UPC/EAN/JAN,  
Codabar, GS1 Databar, Code 93

**2D Symbologies:** PDF417, QR Code

**Optional Characters:** Simplified & traditional  
Chinese, Hebrew, Arabic, Polish, Greek, Cyrillic,  
Thai, Vietnamese, Hangul (Korean)

**Graphics:** Supports 8-bit graphic printing, custom  
font, logo downloading

**Standard Fonts:** ASCII, international, PC line draw;  
12CPI, 16CPI, 19CPI, 21CPI, 24CPI, 13CPI rotated

## SOFTWARE/FIRMWARE

**The Apex DO Toolkit Application (available  
from the Apple Store) includes:**

**Scan:** Discover and pair/bond to Apex iOS  
Bluetooth® printers.

**Read and Display Printer Status:** (characters in  
buffer, battery voltage, timer, temperature, print  
buffer remaining, firmware version, hardware  
version)

**Configure:** Font download, communications  
parameter set-up, printer custom attributes  
set-up, logo download

**Presentation:** Print demo receipts, forms, logos,  
barcodes, and more

**Drivers:** Windows, CE and desktop

**Form Fiesta Page Printing Utility  
Bootloader for Uploading Firmware**

**Info:** General info about company and application

**Software Development Kit:** Visual C++, Visual  
Basic; iOS, Android 2.2, 4.2, Blackberry®

## OPTIONS

Android 2.2 to 4.2

Bluetooth® Version 2.1

Integrated Magnetic Stripe Card Reader

iOS Bluetooth® Version 2.1

iOS 5, iOS 6 & iOS 7

IrDA: IrLPT v1.0; IrCOMM v1.0

## WARRANTY

**Standard Warranty:**

**Printer:** 1 year\*

**Printhead:** 1 year\* or 25,400,000 mm (1,000,000 in),  
whichever comes first)

**Extended Warranty:** Contact your Honeywell  
sales representative for extended warranty options  
available through Honeywell Repair Services

\* Covers platen roller, printhead and installed options

## Honeywell Scanning & Mobility

9680 Old Bailes Road

Fort Mill, SC 29707

800-582-4263

www.honeywell.com

Apex i Mobile Receipt Printer-DS Rev A 09/15  
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