

# ScanPal EDA50

## Enterprise Hybrid Device

The Honeywell ScanPal™ EDA50 enterprise hybrid device delivers an exceptional experience for users inside four walls that need real-time visibility into business-critical information. Designed to handle all-day, everyday use, the ScanPal EDA50 device enables workers on the retail floor to access as well as capture and send crucial business information in real time.

The ScanPal EDA50 device is also an effective unified communications tool for healthcare professionals. It supports Voice over Internet Protocol (VoIP) phone calls over hospitals' wireless networks, saving on the cost of cellular contracts. With built-in barcode scanning capability, the ScanPal EDA50 device also supports point-of-care applications.

Coupling an ergonomic, easy-to-use modern touchscreen design with the latest advances in modern mobile technology, the ScanPal EDA50 device ensures maximum accessibility to coworkers and business systems. From the well-received Android™ operating system and a processor designed to handle the demands of frontline users, to robust storage capabilities and advanced data capture options, the ScanPal EDA50 device is ideal for many applications.

The ScanPal EDA50 device is designed to withstand heavy use. Users can count on ample battery life for a full shift through superior battery management, a rugged touch panel and a display that is easy to read inside and outside. The ergonomic design ensures maximum ease of use, comfort and pocketability.



*The ScanPal EDA50 enterprise hybrid device combines reliability and usability to provide mobile workers real-time visibility to business-critical information.*

## FEATURES & BENEFITS



An industry-leading platform: Qualcomm® Snapdragon™ 410 processor with 1.2 GHz quad-core CPU enables fast access to business-critical applications.



Large, 12.7 cm (5 in) Corning Gorilla® capacitive touchscreen is readable both indoors and outdoors, and works when used with wet hands.



Lightweight design offering the user the perfect combination of durability, comfort, convenience and portability. Small enough to fit conveniently into a pocket.



Featuring smart battery technology, the ScanPal EDA50 device can power through a full shift and beyond.



ScanPal EDA50 devices can be easily connected to multiple devices, enabling support for more use cases and applications.

# ScanPal EDA50 Technical Specifications

## MECHANICAL

**Dimension:** 153.5 mm x 78.9 mm x 18 mm  
(6.04 in x 3.11 in x 0.71 in)

**Weight:** 270 g (9.52 oz)

**Display Size:** 12.7 cm (5.0 in)

**Resolution:** 1280 x 720 High Definition

**Backlight:** LED

**Touchscreen:** Multi-touch capacitive

**Hard Keys:** Volume up/down key, left/right scan, power, reset

**Soft Keys:** Three touch keys (Back, Home, Menu)

## ENVIRONMENTAL

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

**Storage Temperature:** -20°C to +60°C  
(-4°F to +148°F)

**Humidity:** 10% to 90% (non-condensing)

**Drop:** Multiple 1.2 m (4 ft) drops to concrete under room temperature

**Tumble:** 200 times at 0.5 m (1.64 ft)

**ESD:** ±8 kV Direct; ±12 kV Air

**Environmental Sealing:** IP54

**Vibration:** Vertical rms = 1.04 g, Transverse rms = 0.2 g, Longitudinal rms = 0.74 g

## SYSTEM ARCHITECTURE

**Processor:** Qualcomm Snapdragon 410 MSM8916  
1.2 GHz quad-core

**Memory:** 2 GB RAM, 8 GB Flash

**Operating System:** Android 7.1.1 with Google Mobile Services

**Default Language:** Worldwide English

**Storage Expansion:** MicroSDHC (up to 32 GB)

**Battery:** Li-Ion, 3.8 V, 4000 mAh

**Button Batteries:** 22 mF super-cap

**Real-Time Clock:** 10 min backup via super-cap

**Charging Time:** 4 hours

**Battery Runtime:** 12 hours

**Scan Notification:** Red/Green light

**Radio Co-Location:** All radios operate simultaneously

**Scan Engine:** HI2D Imager

**Camera:** 5.0-megapixel color camera with autofocus and LED flash

**LEDs:**

**Battery Condition:** Red/Green/Blue

**Warranty:** One-year factory warranty

## WIRELESS CONNECTIVITY

**WLAN:** IEEE 802.11 a/b/g/n radio

**NFC**

**Bluetooth® Class 4.0**

## ACCESSORIES

**Single Charging Cradle**

**Hand Strap**

**Replacement Battery**

**USB Communication Cable:** Micro USB 2.0  
(communicates to PC, supports adaptor/  
USB charging)

**USB Wall Adaptor:** 5V/2A

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

For a complete listing of all supported barcode symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

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## For more information

[www.honeywellaidc.com](http://www.honeywellaidc.com)

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