

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/16 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.

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

ScanPal is a trademark or registered trademark of Honeywell International Inc. in the U.S. and/or other countries.

Bluetooth is a trademark or registered trademark of Bluetooth SG, Inc. in the United States and/or other countries.

Android is a trademark or registered trademark of Google, Inc. in the United States and/or other countries.

Qualcomm and Snapdragon are trademarks or registered trademarks of Qualcomm Technologies, Inc. in the United States and/or other countries.

Gorilla is a trademark or registered trademark of Corning Incorporated in the United States and/or other countries.

All other trademarks are the property of their respective owners.

For more information

www.honeywellaidc.com

Honeywell Safety and Productivity Solutions

9680 Old Bailes Road
Fort Mill, SC 29707
800-582-4263
www.honeywell.com

ScanPal EDA50 DS for North America (U.S./Canada) | Rev C | 06/18
© 2018 Honeywell International Inc.

Honeywell