Honeywell
THE POWER OF CONNECTED | Mobile Computers

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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: EEE 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.

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For more information

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ScanPal EDA50 DS for North America (U.S. /Canada) | Rev C | 06/18
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