Honeywell | Mobile Computers

ScanPal EDA50

Enterprise Hybrid Device

The Honeywell ScanPal™ EDA50 enterprise hybrid device delivers an exceptional end-user experience for mobile workers inside and outside four walls that need to obtain real-time visibility into business-critical information. Designed to handle all-day, every day use, the ScanPal EDA50 enables route sales professionals, field services personnel, and workers on the retail floor to access as well as capture and send crucial business information in real time.

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

The ScanPal EDA50 is designed to withstand heavy use. Workers 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, providing the ability to support 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 × 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: ±8kV Direct; ±12kV 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 4.4.4
Default Language: Worldwide English
Storage Expansion: MicroSDHC (up to 32 GB)
Battery: Li-Ion, 3.8V, 4000mAh
Button Batteries: 22mF 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

WWAN: GSM & EDGE: Band 3/Band 8; WCDMA: Band 1/Band 8; Non-GCF Certified
WLAN: EEE 802.11 a/b/g/n radio
NFC
Bluetooth® Class 4.0
GPS Supported Protocols: GNSS Receiver for GPS,GLONASS and Compass(Beidou)

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

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

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