

ScanPal EDA50K

Enterprise Hybrid Device

A new addition to the Honeywell ScanPal™ EDA50 Series enterprise products, the EDA50K enterprise hybrid device is an Android™ device with broad suitability for a wide variety of applications. Featuring high-speed performance and smooth operation, it provides a quad-core 1.2 GHz processor and 2 GB RAM. Its excellent network connectivity supports many popular wide area networks, with Wi-Fi connectivity supporting 2.4 GHz and 5 GHz dual-band. Designed for left- or right-handed operation, with a curved, ergonomic hand grip, it reduces fatigue when held for long periods of time, and provides a more comfortable user experience.

In addition, the ScanPal EDA50K device provides enough battery life to last an entire workshift or longer. For optimized field operation, it features a 10.2 cm (4 in) touchscreen with a numeric keypad, which greatly improves input efficiency. The built-in area imager enables 1D and 2D barcode recognition and provides superior reading ability on stained or faded barcodes. With proven durability in harsh application environments, the ScanPal EDA50K device ensures that your investment is well protected.

The ScanPal EDA50K device is ideal for highly mobile front-line workers in scan-intensive environments, such as parcel pickup and delivery, inventory management, field sales, work order automation and proof of service – providing improved efficiency and reduced TCO for enterprise customers.



The ScanPal EDA50K enterprise hybrid device combines an ergonomic design with a large screen and two input modes – touchscreen or keypad – ensuring visibility and comfort without sacrificing pocketability.

FEATURES & BENEFITS



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



A 10.2 cm (4 in) Corning Gorilla® capacitive touchscreen that is big enough to view applications on a single page, coupled with a numeric keypad that is portable enough to fit in your pocket.



With broader network coverage and a 4,000 mAh swappable battery, field workers and in-house operators can get connected anytime and anywhere.



Embedded Honeywell customized power tools greatly simplify device and network management.



ScanPal EDA50K devices can be easily connected to multiple devices, enabling support for more use cases and applications.

ScanPal EDA50K Technical Specifications

MECHANICAL

Dimension: 164 mm x 73 mm x 24.5 mm
(6.5 in x 2.9 in x 1.0 in)

Weight: 300 g (10.6 oz) with battery

Display: 10.6 cm (4 in)

Resolution: WVGA 480 x 800

Type: Transmissive

Backlight: LED

Touchscreen: Multi-touch capacitive

Keyboard: 26-key numeric main keypad; side keys: volume up/down, right and left scan keys; soft keys: 3 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, 2 drops per 6 sides for a total of 12 drops under room temperature

Tumble: 200x0.5 m tumbles

Electrostatic Discharge (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

PERFORMANCE

Processor: Qualcomm 1.2 GHz quad-core

Memory: 2 GB RAM, 8 GB/16 GB Flash

Operating System: Android 7.1.1 with Google Mobile Services

Expansion Memory: MicroSDHC (up to 32 GB)

PC Communication: Micro USB 2.0

Battery: 4000 mAh @ 3.8 V

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

GPS: GNSS Receiver for GPS, GLONASS and Compass (Beidou) (for WWAN only)

Button Batteries: 22 mF super-cap

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

Charging Time: 4 hours

Battery Runtime: 12 hours+

Engine: 1D/2D: HI2D

LEDs:

Battery Condition: Red/Green/Blue

Scan Indication: Red/Green light

Vibration: Vibration Motor

Sensors: Proximity, Light, Acceleration

WIRELESS CONNECTIVITY

WLAN: IEEE 802.11 a/b/g/n radio, Wi-Fi certified 802.11 a/b/g/n (WPA, WPA2 and EAP)

WLAN Security: WEP, 802.1x, TKIP, AES, SCHAPv2 EAP-GTC, EAP-TLS, EAP-TTLS, WPA-PSK, WPA2

WWAN:

GSM & EDGE: Band 3/8

WCDMA: Band 1/8

FDD-LTE: Band 1/3/7

TDD-LTE: Band 38/39/40/41

Non-GCF certified

Bluetooth: Bluetooth® Class 4.0

NFC: Integrated Near Field Communication

ACCESSORIES (STANDARD)

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

Wall Adapter

ACCESSORIES (OPTIONAL)

Hand Strap

Replacement Battery

Single Charging Cradle: for 1x terminal charging

Quad Battery Charger: for 4x batteries charging

USB Wall Adapter: 5V/2A

WARRANTY

One-year factory warranty

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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