Honeywell®

ScanPal EDA50K, robust mobile terminal with keyboard, Android 4.4, 1D / 2D, WiFi, camera, BT, NFC, black

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 with sacrificing pocketability.

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 frontline 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.

Technical Description

Functionality & Operation

Wireless communication	Bluetooth®, NFC, WiFi
WLAN Features	IEEE 802.11 a/b/g/n
Communication interface	micro USB
Touch-screen panel	capacitive multi-touch
CPU Type	Qualcomm Quad Core1,2 GHz
Memory	2GB , 8 GB Flash
Operating system	Android 4.4
Expansion slot	Micro SD Card (SDHC)
Display type	4" WVGA Transmissive LED
Keyboard	26 keys
WPAN Features	Bluetooth® v4.0
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	all standard 2D-Codes

Optical

Camera	5 MPix, with Autofocus, with LED flash
Sensors	light sensor, proximity sensor, accelerometer, e-compass
Resolution	480x80 px

Electrical

Main battery pack	Rechargeable Li-Ion battery 4000 mAh, 3,8V
Battery charging time	4hod
Main battery pack operating time	12hod

Mechanical

Weight	300g
Dimensions	Width: 73mm, Height: 164mm Length: 24.5mm

Environment

Storage humidity (non-condensing)	10 to 90%
Electrical static discharge	±8kV contact, ±15kV air
Shock resistance	drop from 1,2 m onto concrete surface