Honeywell

HANDHELD COMPUTERS

Scanpal EDA51K

The durable EDA51K helps small and medium businesses automate boost productivity in light-duty warehouses, distribution centers, retail and delivery with lower up-front cost than competitive products.

Overview

   The durable EDA51K helps businesses automate and error-proof mission-critical workflows in light-duty warehouses, distribution centers, retail and delivery with low up-front costs. The device provides users with reliable network connectivity and a high-performance scanner for maximum productivity indoors and out.
   The EDA51K adds a keyboard to the field-tested, highly popular EDA51 computer, based on the Qualcomm® Snapdragon™ 1.8 GHz octa-core processor and Android 10 (Q).
   With up to 4 GB of RAM and 64 GB of flash memory, the EDA51K supports business environments that run many software applications. Available with Honeywell's best-in-class N6703 scan engine, the EDA51K provides high tolerance to motion and poor-quality barcodes to simplify barcode capture.
   The powerful, 13-megapixel color camera captures high quality images in pictures in dim environments. Rated IP65 for ingress protection, the EDA51K is dust and water-resistant and suitable for use in the elements.
   Tested to survive 500 half-meter tumbles and multiple 1.5 m (5 ft) drops to concrete across the operating temperature range, the EDA51K is designed to last.
   Lightweight and responsive, the EDA51K is equipped with a 4-inch touch screen and numeric keypad for data-input flexibility. Improved hard keys eliminate legend wear and include backlighting.
   Scan buttons on each side of the mobile computer enable both left-handed and right-handed users, ensuring an excellent user experience.

Specifications

FEATURES

Application

- Retail, light warehouse and distribution center

DIMENSIONS

Overall Dimensions

- 164mm x 73 mm x 24.5 mm (6.5 in x 2.9 in x 1.0 in)

SCANNING SPECIFICATIONS

Decode Capability

- Honeywell N6703 Slim Imager (1D/2D barcode symbologies)

NETWORK

Bluetooth Specifications

- Bluetooth Class 4.2

GPS Specifications

- GPS (WWAN only) Supported Protocols: Simultaneous receiver support for GPS, GLONASS, and BeiDou

WWAN Specifications

- WWAN Radio:NEWLINE• GSM/EDGE: Bands 2, 3, 5, 8NEWLINE•WCDMA: Bands 1, 2, 4, 5, 6,8, 9, 19NEWLINE• FDD-LTE: Bands 1, 2, 3, 4, 5, 7, 8, 9, 12,13,17,19,20,25,26,28,30,66NEWLINE• TDD-LTE: Bands 38, 39, 40, 41

WLAN Specifications

- WLAN (Wi-Fi Alliance certified) :NEWLINEIEEE 802.11 a/b/g/n/acNEWLINEWLAN Security: OPEN, WEP, WPA/WPA2-PSK, PEAPNEWLINEWLAN Supported EAP:NEWLINETLS,TTLS, SIM, AKA

SOFTWARE & FIRMWARE

Operating System

- Android 10

MEMORY & DATA

Memory

- 3G RAM/32G Flash; 4G RAM/64G Flash

HARDWARE

Scan Engine Model

- Honeywell N6703 Slim Imager (1D/2D barcode symbologies)

Display Resolution

- 480x800

Display Size

- 4 inch

Processor

- Qualcomm 1.8GHz octa-core

Scan Engine Range

- Standard

ELECTRICAL

Battery Type

- Li-Ion

Battery Capacity

- 3.8 V, 4,000 mAh, removable

ENVIRONMENTAL

Operating Humidity

- 10% to 90% (non-condensing)

Operating Temperature

- -10°C to +50°C (14°F to +122°F)

STANDARDS & APPROVALS

Drop Specifications

- 1.5m MIL drop cross operation temperature

OTHERS

Keyboard

- Numeric

Camera Position

- Rear Camera: 13-megapixel color camera

Durability

- Environmental Sealing: IP65NEWLINEElectrostatic Discharge (ESD):NEWLINE±8 kV direct; ±12 kV air

Product Number

IH25-BR-4   IH25 / IH40 bracket for EDA51K