

Dolphin™ 75e

Hand Held Computer

The Dolphin 75e hand held computer is a versatile multimodal device that allows users the freedom to use a variety of input and output modes to deliver significant operational gains and flexibility for the enterprise. Featuring a sleek, pocketable design and yet durable enough for tough work environments, the Dolphin 75e device is efficient, easy to adopt and offers enterprises a lower total cost of ownership than traditional single-purpose devices.

When hands are occupied serving customers or replenishing store shelves, users of single-purpose devices have reduced ability to access or capture information - minimizing the timesaving benefits and productivity gains for enterprises. With the Dolphin 75e device, mobile professionals can use complex, data-intensive applications with multiple input modes; including speech, stylus, touch, and keypad gestures; to get more work done with fewer errors in less time. The 75e empowers workers to capture different kinds of information than traditional single-purpose devices, such as 1D and 2D barcode scans, voice notes, digital signatures, and annotations on images, generating richer, more robust information in less time to improve inventory management, close more sales, and enhance customer service.

Equipped with state-of-the-art battery technology, the 75e powers through a full shift and beyond without interruption to replace or recharge the battery to get the job done. The sleek, pocketable design and easy-to-use interface lends itself to personal device usage and encourages fast and easy adoption with minimal training resources. Designed for a superior user experience, the 75e offers a vivid, 4.3" Corning® Gorilla® Glass multi-touch screen that is viewable even in sunlight and a durable IP67-rated design, so the device keeps working even if it is dropped or completely immersed in water, making it ideal for use in the retail backroom, busy shopping areas, or in hectic line-busting environments.

The Dolphin™ 75e offers unparalleled versatility and future-proofing capability. With the choice of Microsoft® Windows® and Google® Android™ operating system configurations, enterprises can take advantage of the flexible support and migration platform that can be customized according to use case and that integrates with existing and future IT infrastructures.



Features

- **Powerful, Versatile Platform:** Industry-leading Qualcomm® Snapdragon™ 801 processor with 2.26GHz quad-core CPU enables more robust application performance at better speeds and power efficiencies.
- **Sleek, Pocketable and Rugged Form Factor:** A sleek, pocketable design, yet rugged enough for tough work environments with an IP67 rated design for protection from dust and water and the ability to withstand multiple 1.2m drops to concrete and 1,000 0.5m tumbles.
- **Dedicated 1D/2D Scanning:** Increases productivity and throughput with an integrated and easy-to-use, industry-grade imager that provides aggressive scanning of linear and 2D barcodes.
- **O/S Versatility and Future Proofing:** Enterprises can take advantage of the flexible support and migration on WE8.1H or Android 4.4 KitKat® now, and seamlessly upgrade as business needs grow later to Windows 10 or Android 5.0L.
- **Honeywell Repair Service Plans:** Offers comprehensive, hassle-free protection on the device investment for up to five years after purchase extending the product life expectancy beyond the norm for consumer grade devices.

Dolphin 75e Technical Specifications

Mechanical

Dimensions	Standard Battery: 134 mm x 73 mm x 18 mm (5.3" x 2.9" x 0.7") Extended Battery: 134 mm x 73 mm x 23.9 mm (5.3" x 2.9" x 0.9")
Weight	Standard Battery: 204 g (7.2 oz) Extended Battery: 244 g (8.6 oz)

Environmental

Operating Temperature	-20° to 50°C (-4°F to 122°F)
Storage Temperature	-25° to 70°C (-13° to 158°F)
Humidity	Humidity 0 to 95% relative humidity (non-condensing)
Drop	Withstands multiple 4' (1.2m) drops to concrete, all axis
Tumble	Exceeds 1,000 (0.5m) tumbles per IEC 60068-2-32 specification (standard battery) Exceeds 300 (0.5m) tumbles per IEC 60068-2-32 specification (extended battery)
ESD	± 15KV Air and ± 8KV Contact
Environmental Sealing	Independently certified to meet IP67 standards for moisture and particle intrusion

System Architecture

Processor	2.26GHz quad core Qualcomm
Operating System	Windows Embedded 8.1 Handheld Android 4.4 KitKat
Memory	2GB RAM X 16GB FLASH
Display	4.3" WVGA (480 x 800), super bright, sunlight viewable
Touch Panel	Multi-touch projected capacitive touch, optically bonded for extra durability and better sunlight viewability, works with many off-the-shelf gloves and when wet
Keypad	Dedicated scan key, 4 programmable keys, volume up and down keys, side scan key, Honeywell Virtual Keypad creator (Android only)
Audio	Speaker, digital microphone with echo and noise cancellation. Focus on VoIP quality.
I/O Ports	Micro USB, 3.5 mm headphone/mic combo jack
Camera	8.0 megapixel camera with autofocus and flash with advanced software features for better image quality.
Sensors	Accelerometer, ambient light, proximity, gyroscope, compass
Storage Expansion	User accessible microSD slot (SDHC compatible). Please check with your Honeywell representative for available qualified card options
Battery	Standard: Li-ion 3.7 V, 1670 mAh; Extended: Li-ion 3.7 V, 3340 mAh
Hours of Operation	Testing underway: 6+ hours Testing underway extended battery: 12+ hours
Decode Capabilities	Dedicated imager capable of decoding standard 1D and 2D bar code symbologies
Development Environment	Honeywell SDKs for Android and Windows
HSM Application Software	Honeywell Powertools and Demos
Warranty	1 year factory warranty

Wireless Connectivity

WWAN	No WWAN configuration
WLAN	IEEE 802.11 a/b/g/n/ac
WLAN Security	WE8H: OPEN, WEP, WPA2-PSK/Enterprise, PEAPv0/MSCHAPv2, EAP-TLS, EAP-TTLS Android: OPEN, WEP, WPA2-PSK/Enterprise, PEAPv0/MSCHAPv2, EAP-TLS, EAP-TTLS and CCKM
Bluetooth™	2.4 GHz (ISM Band) Adaptive "frequency hopping" Bluetooth v4.0; Class 2, 10m (33') line of sight
NFC	Integrated NFC reader Embedded Secure Element (Android)

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Refer to the Honeywell Scanning & Mobility compliance center at www.honeywellaidc.com/compliance to review and download any publicly available documentation pertaining to the certification of this product in a given country.

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

For more information:

www.honeywellaidc.com

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