

## Dolphin™ 75e Hand Held Computer

The Dolphin 75e hand held computer is a versatile multimodal device that delivers 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. The 75e empowers workers to capture different kinds of information than traditional single-purpose devices, such as 1D and 2D barcode scans, 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 battery technology, the 75e powers through a full shift without interruption to replace or recharge the battery to get the job done. The sleek, pocketable design and easy-to-use interface 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,

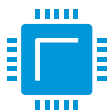


**Sleek, intuitive and highly versatile, the Dolphin 75e is the ideal for enterprises who need a single device for diverse workflows.**

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 & BENEFITS



**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 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:** 0 to 95% relative humidity  
(non-condensing)

**Drop:** Withstands multiple 4' (1.2m) drops to  
concrete, all axes

**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 Qualcomm Snapdragon  
801 quad-core

**Operating System:** Windows Embedded 8.1  
Handheld, Android 4.4.4 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:

**WE8H:** Dedicated center scan button, back  
button, home button, volume up and down  
keys, power button. Programmable triangle  
and circle buttons.

**Android:** Programmable scan keys (center,  
left, right scan key), option to launch a user  
selectable app

**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:

**Standard:** 6+ hours

**Extended:** 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:** 1x1 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  
CKKM

**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)

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

For a complete listing of all supported bar code symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

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## Honeywell Scanning & Mobility

9680 Old Bailes Road

Fort Mill, SC 29707

800-582-4263

[www.honeywell.com](http://www.honeywell.com)

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