Honeywell

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.

MULTI OS

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 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)

For a complete listing of all compliance approvals and certifications, please visit **www.honeywellaidc.com/compliance**.
For a complete listing of all supported bar code symbologies, please visit **www.honeywellaidc.com/symbologies**.

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