Honeywell | Handheld Computer

Dolphin 75e

Handheld Computer

The Dolphin™ 75e handheld 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 time-saving 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 Dolphin 75e computer 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 smart battery technology, the Dolphin 75e handheld computer 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 Dolphin 75e computer offers a vivid, 109.2 mm (4.3 in) 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.



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

The Dolphin 75e handheld computer offers unparalleled versatility and future-proofing capability. With the choice of Windows® or 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

An industry-leading Qualcomm® Snapdragon™ 801 processor with 2.26 GHz quad-core CPU enables more robust application performance at better speeds and power efficiencies.

A sleek design, yet rugged enough for tough work environments with an IP67 rating for protection from dust and water and the ability to withstand multiple 1.2 m (4 ft) drops to concrete and 1,000 0.5 m (1.6 ft) tumbles.

Increases productivity and throughput with an integrated and easy-to-use, industry-grade imager that provides aggressive scanning of linear and 2D barcodes.

Enterprises can take advantage of the flexible support for either Windows 10 IoT Mobile Enterprise or Android 6.0 Marshmallow.

Honeywell Repair Service Plans offer comprehensive, hassle-free protection on the device investment for up to five years after purchase, extending the product life expectancy, while providing assurance that your technology investment is being properly maintained.

Dolphin 75e Technical Specifications

MECHANICAL

Dimensions (L x W x H):

Standard Battery: 134 mm x 73 mm x 18 mm (5.3 in x 2.9 in x 0.7 in)

Extended Battery: 134 mm x 73 mm x 23.9 mm (5.3 in x 2.9 in x 0.9 in)

Weight:

Standard Battery: 204 g (7.2 oz)

Extended Battery: 244 g (8.6 oz)

ENVIRONMENTAL

Operating Temperature: -20°C to 50°C (-4°F to 122°F)

Storage Temperature: -25°C to 70°C (-13°F to 158°F)

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

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

Tumble: Exceeds 1,000 0.5 m (1.6 ft) tumbles per IEC 60068-2-32 specification (standard battery)

Exceeds 300 0.5 m (1.6 ft) 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: 2.26 GHz Qualcomm Snapdragon 801 quad-core

Operating System: Windows 10 IoT Mobile Enterprise, Android 6.0 Marshmallow

Memory: 2 GB RAM, 16 GB Flash

Display: 109.2 mm (4.3 in) 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:

Windows: 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-compliant). Please check with your Honeywell representative for available qualified card options

Battery:

Standard: Li-Ion, 3.7V, 1670mAh

Extended: Li-Ion, 3.7V, 3340mAh

Hours of Operation:

Standard: 6+ hours

Extended: 12+ hours

Decode Capabilities: Dedicated imager capable of decoding standard 1D and 2D barcode symbologies

Development Environment: Honeywell SDKs for Android and Windows

Application Software: Honeywell Power Tools and Demos

Warranty: One-year factory warranty

WIRELESS CONNECTIVITY

WWAN: No WWAN configuration

WLAN: 1x1 IEEE 802.11 a/b/g/n/ac

WLAN Security:

Windows: 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, 10 m (33 ft) 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 barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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For more information

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