Dolphin 70e Black

ENTERPRISE HYBRID DEVICE (EHD)

The Dolphin™ 70e, Honeywell's latest enterprise hybrid device, successfully marries the size, style and usability of a consumer device with the reliability and longevity of a traditional rugged hand-held. Engineered with premium materials and clean lines, the form factor of the Dolphin 70e elegantly lends itself to personal device usage while also meeting the challenges found in the unpredictable surroundings of the mobile enterprise.

Along with the aesthetic details, the Dolphin 70e was also built to deliver years of reliable operation. Incorporating Corning® Gorilla® Glass, the device's touch screen is exceptionally resistant to damage. The housing protects against dust and water and for added versatility, the Dolphin 70e can be operated in extreme temperatures as low as -20° C (-4°F) minimizing downtime associated with conditions.

Businesses can also capitalize on the flexible platform supplied by the Dolphin 70e which can be customized according to use case with Microsoft® Windows® or Google® Android™ operating systems. The crystal clear 4.3˝ display can be seen in virtually any lighting condition, including outdoors, and is equipped with the same capacitive touch screen technology used in advanced smartphones, enabling the use of two-finger gestures for device operation. Further, the offering's integrated imager provides bar code scanning performance superior to that of the camera scanning applications that are currently available in the market. Compatible with Honeywell's turnkey remote management solution, Remote MasterMind™, the Dolphin 70e can be tracked and managed in real time from any location, reducing the total cost of ownership incurred with mobile deployments.

Impeccably positioned where emotional elements and rational demands meet, the Dolphin 70e Black effortlessly enables enterprises to stay on trend without sacrificing performance.

Features

- **Aesthetically Pleasing and Pocketable:** Attractively designed to increase end user adoption and communicate a progressive, professional appearance in the field

- **Beyond Reliable:** Integrates Corning® Gorilla Glass® for display damage resistance, while housing is designed to withstand multiple 4' drops to concrete and over 1,000 0.5m tumbles

- **Crystal Clear Touch Screen Display:** Capacitive touch technology and readability in various lighting conditions combine to provide an offering that is perfect for inside or outside use cases

- **Fast and Reliable Wireless Connectivity:** Delivers full wireless coverage for applications inside and outside of the four walls, allowing real-time access to critical data

- **Remote MasterMind® Ready:** Extends mobile workforce capabilities and reduces total cost of ownership by providing a turnkey remote device management solution

- **Service Made Simple™ 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 70e Black 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, and across operating temperature range (standard and extended batteries)
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 IP54 standards for moisture and particle intrusion

System Architecture	
Processor	1GHZ single core TI OMAP
Operating System	Microsoft® Windows® Embedded Handheld 6.5 Google® Android™ version 4.0 with Honeywell security and manageability features
Memory	512MB RAM X 1GB FLASH
Display	4.3˝ WVGA (480 x 800), super bright, sunlight viewable
Touch Panel	2 finger capacitive touch, optically bonded for extra durability and better sunlight viewability
Keypad	Dedicated scan key, 4 programmable keys, volume up and down keys, side scan key, Honeywell Virtual Keypad and Keypad Creator
Audio	Speaker, dual array digital microphones with echo and noise cancellation
I/O Ports	Micro USB, 3.5 mm headphone/mic combo jack
Camera	5.0 megapixel camera with autofocus and flash
Sensors	Accelerometer, vibration, ambient light and proximity
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	Talk time over 3G network with standard battery: 6 hours Talk time over 3G network with extended battery: 12 hours
Decode Capabilities	Dedicated imager capable of decoding standard 1D and 2D bar code symbologies
Development Environment	Honeywell SDK for Microsoft® Windows® Embedded Handheld 6.5 Honeywell SDK for Google® Android™ version 4.0
HSM Application Software	Honeywell Powertools® and Demos, Remote MasterMind™ for Mobility remote device management
Warranty	1 year factory warranty

Wireless Connectivity	
WWAN	Option 1: GSM (Voice and Data): 3.9G–UMTS/HSPA+ (900/2100 MHz), GSM/GPRS/EDGE (850/900/1800/1900 MHz). Assisted GPS included. Option 2: Software definable (Voice and Data): 3.9G – HSPA+/UMTS (850/1900/2100MHz), GSM/GPRS/ EDGE (850/900/1800/1900MHz) and EVDO Rev A - 1xRTT/EVDO (800/1900 MHz). Assisted GPS included.
WLAN	IEEE 802.11 a/b/g/n; Wi-Fi™ certified
WLAN Security	WEP, 802.1x, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, WPA v2.0, PEAP, CCXv4
WPAN	2.4 GHz (ISM Band) Adaptive "frequency hopping" Bluetooth® v4.0; Class I.5, 10m (33') line of sight
NFC	Integrated NFC reader with embedded secure element

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

For more information:

www.honeywellaidc.com

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