

Dolphin 70e Black

Enterprise Hybrid Device (EHD)

The Dolphin™ 70e Black, Honeywell's 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 Black 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 Black was also built to deliver years of reliable operation. Incorporating Corning® Gorilla® Glass, the device's touch screen is exceptionally resistant to damage. The IP67-rated housing protects against dust and water immersion and for added versatility, the Dolphin 70e Black 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 Black 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 Black 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.



Preliminary Specifications
Subject to Change

Features

- **Aesthetically Pleasing and Pocketable:** Attractively designed to increase ease of adoption by brand-conscious end users
- **Beyond Reliable:** Integrates Corning® Gorilla Glass® for display damage resistance, and an IP67-rated housing designed to withstand multiple 4' drops to concrete
- **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 17.4 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	TBD
Tumble	TBD
ESD	± 15KV Air and ± 8KV Contact
Environmental Sealing	Independently certified to meet IP67 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), Brightness 550 nits, Optically bonded Corning Gorilla Glass for enhanced durability and outdoor visibility
Touch Panel	2 finger capacitive touch
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 mega pixel 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	Standard: 7.5 hrs (talk time); Extended: 12 hrs (talk time)
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™ 4.0 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 TM 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® v2.1; Class 2.0, 10m (33') line of sight
NFC	Integrated NFC reader with embedded secure element

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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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