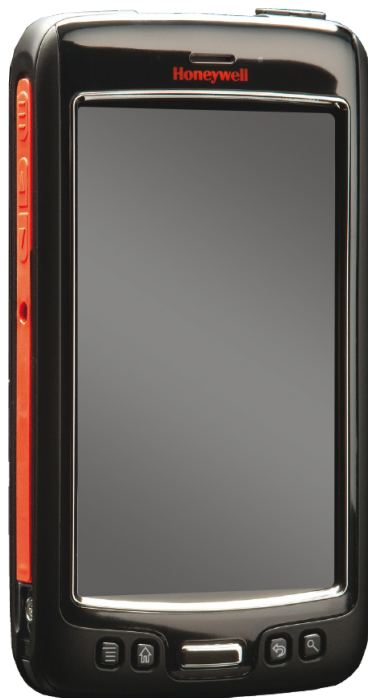## Dolphin 70e - Elegance and Robustness combined

The shapely Dolphin 70e sets new standards with the combination of latest smartphone technology and the necessary robustness and longevity of an MDT for professional industrial use.
Its crystal clear 4.3" full VGA touch display is still viewable even in bright sunlight.

YOUR ADVANTAGE

Investment protection by use of the latest smartphone technology combined with a long product life cycle

The Dolphin 70e skillfully combines aesthetics with the necessary robustness for professional applications.
It can be used in various application areas. In addition to the compact design the simple two-finger operation, the high flexibility of the device and its light weight are characteristics, which particularly increase user acceptance.

The rugged MDT offers all of the current connection standards in one device: UMTS/HSPA, GPRS/EDGE, WLAN, Bluetooth® and GPS. Thus not only data communications, but also the use of navigation solutions is possible in one single device. The use of different devices is not necessary.

The powerful battery ensures reliable work throughout the entire shift. Versatile features offer all necessary preconditions for comprehensive mobile data processing.

Characteristics

- Outstanding robustness in its class (IP67)
- Scanning of barcodes with the built-in 1D/2D Imager
- Color photography with the integrated 5 Megapixel autofocus camera
- All current communication standards (HSPA, Wi-Fi 802.11 a/b/g/n and Bluetooth® v4.0)
- Virtual keyboard (user configurable)
- Optional: External hardware keyboard
- GPS for navigation applications

File: en_hw_dolphin70e – Date: 15.04.2014

Product Information - HARDWARE

PROCESSOR AND MEMORY
- 1GHZ single core TI OMAP
- 512MB RAM X 1GB FLASH
- MicroSD slot (user accessible)

OPERATING SYSTEM
- Microsoft® Windows® Embedded Handheld 6.5; Google® AndroidTM version 4.0 with Honeywell security and administration features

WIRELESS COMMUNICATION
WLAN/PAN Options
- IEEE 802.11 a/b/g/n; Wi-Fi TM certified
- Security: WEP, 802.1x, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, WPA v2.0, PEAP, CCXv4
- 2.4 GHz (ISM Band) Adaptive "frequency hopping" Bluetooth® v4.0; class I.5, 10m (33') line of sight

WWAN Options
- **Option 1:** GSM (Voice and Data): 3.9G–UMTS/HSPA+ (900/2100 MHz), GSM/GPRS/EDGE (850/900/1800/1900 MHz). GPS integrated
- **Option 2:** Software definable Gobi 3000 (Daten): 3.9G – HSPA+/UMTS (850/1900/2100MHz), GSM/GPRS/ EDGE (850/900/1800/1900MHz) and EVDO Rev A - 1xRTT/EVDO (800/1900 MHz). GPS integrated
- Integrated NFC reader with embedded secure element

BARCODE APPLICATIONS
- 1D/2D Imager

CAMERA
- 5.0 Megapixel camera
- Autofocus with flash

USER INTERFACE
- 4.3" WVGA (480 x 800) with touch screen, viewable in sunlight
- Dedicated scan key, 4 programmable keys, volume up and down keys, side scan key, Honeywell Virtual Keypad and Keypad Creator
- 2 finger capacitive touch optically bonded to display
- Speaker, dual array digital microphone with echo and noise cancellation

EXTERNAL SLOTS
- Micro USB

POWER SUPPLY
- Rechargeable Lithium ion battery (3.7 V, 3340 mAh)

APPLICATION AREA
- Operating temperature: -20 to +50 °C
- Storage temperature: -25°C to +70°C
- Humidity: up to 95% (not condensing)
- Withstands multiple 4' (1.2m) drops to concrete, all axis, and across operating temperature range
- Rain/Dust: IP67 sealed
- ESD: ± 15KV Air and ± 8KV Contact

DIMENSIONS AND WEIGHT
- 134 x 73 x 23.9 mm
- 244 g (extended battery)