HONEYWELL DOLPHIN CT60

Small, lightweight, versatile and robust

Accessing important corporate applications on the go. The Honeywell CT60 handheld offers instant access and instant data collection.

CHARACTERISTICS

The extended product life cycle across four Android™ generations ensures maximum ROI and low total cost of ownership. Built on the popular Mobility Edge™ software and hardware platform, the CT60 integrates easily with high reliability and scalability.
The battery lasts a full shift. With the powerful scanner, capturing even hard-to-read 1D and 2D barcodes works flawlessly.
The handy device fits in any pocket, but thanks to its protection class it is also equipped for difficult environmental conditions.

AT A GLANCE

- Available over four Android ™ creations, from Android Nougat to Android

- Fast and reliable 2.2 GHz Qualcomm Snapdragon ™ 660 processor

- Very compact, yet reliably protected against dust, water and falls

- Ergonomically designed, lightweight, yet robust enough to even withstand accidental drops

- 1D and 2D imagers, top scanning performance even with high scanning volumes or barely readable barcodes

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TECHNICAL SPECIFICATIONS

MECHANICAL

- **Dimensions:** 160 mm x 82.5 mm x 19 mm (6.3 in x 3.2 in x 0.75 in)
- **Weight:** 350 grams (12.4 oz) with battery pack

ENVIRONMENTAL

- **Operating Temperature:** -20°C to 50°C (-4°F to 122°F)
- **Storage Temperature:** -30°C to 70°C (-22°F to 158°F)
- **Humidity:** 0 to 95% relative humidity (non-condensing)
- **Drop:** 2.4 m (8 ft) to concrete at room temp per MILSTD 810G; 1.5 m (5 ft) to concrete at -10ºC to 50ºC (14ºF to 122ºF) temperature range; 1.2 m (4 ft) to concrete down to -20ºC (-4ºF)
- **Tumble:** Exceeds 1,000 1.0 m (3.3 ft) tumbles per IEC 60068-2-32 specification
- **ESD:** ±15KV Air and ±8KV Direct
- **Environmental Sealing:** Independently certified to meet IP67 and IP65 standards for moisture and particle intrusion

SYSTEM ARCHITECTURE

- **Processor:** 2.2 GHz Qualcomm® Snapdragon™ 660 octa-core
- **Operating System:** Android 7.1 Nougat, upgradable through Android R
- **Memory:** 3 GB/4 GB DDR4 RAM, 32 GB Flash
- **Display:** 118 mm (4.7 in) High Definition (1280 x 720) bright color LCD with backlight, outdoor readable, optically bonded to touch panel, oleophobic fingerprint rejection
- **Touch Panel:** Rugged multi-touch capacitive touch panel, optically bonded for extra durability and better sunlight readability. Automatic switching between glove and finger modes. Water droplet rejection
- **Keypad:** On-screen customizable keypad, dual-action side scan triggers, volume up/down, camera, power button
- **Audio:** Speaker, dual microphone support with noise cancellation. PTT support and Bluetooth® wireless headset support
- **I/O Ports:** Durable, custom IO connector
- **Camera:** 13-megapixel color camera, 4K video with image stabilization, and advanced software features for enhanced exposure control

- **Sensors:** Ambient light sensor, proximity sensor, accelerometer, gyroscope, magnetometer, pressure sensor
- **Storage Expansion:** User-accessible microSD card up to 512 GB (SDXC/SDHC/SDIO-compliant)
- **Battery:** Li-Ion, 3.6 V, 4040 mAh with integrated battery diagnostics
- **Hours of Operation:** 12+ hours
- **Decode Capabilities:** Honeywell N6600 Slim Imager Engine (1D/2D barcode symbologies), Honeywell SDKs for Android
- **Application Software:** Honeywell Utilities and Demos
- **Warranty:** One-year factory warranty

WIRELESS CONNECTIVITY

- **WWAN:**
  WWAN Radio (ATT/VZW/SPRINT/TMO/NA/EU) with two micro-SIM slots
  LTE Advanced Support
  Up to 400 Mbps CAT13 LTE downlink
  Up to 75 Mbps CAT5 LTE uplink
  • LTE (FDD) – Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 25, 26, 28, 29
  • LTE (TDD) – Bands 38, 39, 40, 41
  UMTS/HSPA+ (3G) – Bands 1, 2, 4, 5, 6, 8, 9, 19
  GSM/GPRS/EDGE Quad-Band (850/900/1800/1900 MHz)
  1xRTT/EV-DO – Bands BC0, BC1, BC10 (B26 BW)
- **WLAN:** IEEE 802.11 a/b/g/n/ac; Wi-Fi certified
- **Additional WLAN Features:** 802.11 r (802.11 k/mc – via future release)
- **WLAN Security:** OPEN, WEP, WPA/WPA2 (Personal and Enterprise)
- **Supported EAP:** TLS, PEAP, TTLS, PWD, FAST, LEAP CCX Version 4 certified
- **Bluetooth:** V5.0 Bluetooth and BLE Supported
- **Bluetooth Profiles:** HFP, PBAP, A2DP, AVRCP, OPP, SPP, GATT
- **NFC:** Integrated Near Field Communication
- **VPN:** IPSec V4/L2TP, PPTP
- **Push to Talk (PTT):** Supported
- **GPS Supported Protocols:** Simultaneous GNSS Receiver Support for GPS, GLONASS, Galileo, and BeiDou

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