# WEARABLE SOLUTION

## For CT40 Mobile Computer

Get maximum efficiency and reduce labor costs when you optimize workflows with the CT40 hands-free mobile computing solution.

Adding wearable scanning to the CT40 mobile computer increases worker productivity and reduces labor costs in store backrooms as well as small parts picking and packing in retail, warehouse and T&L environments. The CT40 device can also be easily removed from the wearable holder and used alone for in-store or other applications.

The wearable solution is designed for maximum user comfort and easy swapping between workers. The rubber watchband-style armbands stretch as the arm moves, and yet fit snugly to prevent sliding down or spinning around the arm. The rubber materials do not absorb perspiration and are easily cleaned between shifts. All components are breakaway for safety and swappable for left- or right-hand operation.

Built on Honeywell's Mobility Edge™ platform, the CT40 mobile computer is upgradable through Android™ R, providing a lower total cost of ownership and maximizing return on customer investment.

*A multi-purpose, hands-free solution for highly mobile workers to take their productivity to a new level.*

android enterprise recommended

## FEATURES AND BENEFITS

Mobility Edge enterprise management tools allow companies to test and validate applications once, accelerate deployments across the enterprise, optimize device performance, simplify maintenance and extend product lifecycle.

Future-proof investment protection with support for five Android generations, starting with Android 7.1 (N). Security updates available for up to five years past the last Google patch through Honeywell Sentinel.

Easy compatibility and seamless integration with both Honeywell Connected applications as well as third-party applications such as MDM, Push to Talk and VoIP software to maximize efficiency and protect your investment.

Increase productivity and throughput with an industry-grade imager that provides high-performance scanning of linear and 2D barcodes, high motion tolerance for scanning moving parts, and the ability to read poor-quality or damaged barcodes.

Soft rubber finger straps improve comfort and eliminate hygiene concerns because they are impervious to moisture, are easily cleaned, and are quickly interchangeable between shifts. The soft, pliable surface reduces sliding or rotating.

## Honeywell

## MECHANICAL

**Dimensions:** 162 mm x 77 mm x 18.2 mm (6.4 in x 3.0 in x 0.7 in)

**Weight:** 289 g (10.1 oz) with battery pack

**Display Size:** 12.7 cm (5.0 in) TFT

**Resolution:** High Definition (1280 x 720)

**Backlight:** LED

**Touchscreen:** Multi-touch capacitive, Gorilla Glass® 5

**Hard Keys:** Volume up/down key, left/right scan, power button

**Soft Key:** On-screen scan button, reprogrammable into an application quick-launch key

**Audio:** 3.5 mm jack*, PTT, VoIP ready, speaker, HAC-compliant

**I/O Ports:** Durable, custom IO connector

## 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:** 5% to 95% (non-condensing)

**Drop**: Multiple 1.2 m (4 ft) drops to concrete at -10°C to +50°C (+14°F to +122°F). Multiple drops from 1.8 m (6 ft) to concrete per MIL-STD-810G with rubber boot

**Tumble:** 1,000 tumbles at 0.5 m (1.6 ft)

**ESD:** ±8 kV direct; ±12 kV air

**Environmental Sealing:** Independently certified to meet IP64 standards for moisture and particle intrusion

## SYSTEM ARCHITECTURE

**Processor:** 2.2 GHz Qualcomm® Snapdragon™ 660 octa-core

**Memory:** 2 GB or 4 GB DDR4 RAM, 32 GB Flash

**Operating System:** Starts with Android 7.1 Nougat; available with Android 8.1 Oreo; upgradeable through Android R

**Default Language:** World Wide English

**Storage Expansion:** User-accessible microSD card up to 512 GB (SDXC/SDHC/SDIO-compliant)

**Battery:** Li-Ion, 3.85 V, 4040 mAh; smart battery with integrated diagnostic tools

**Hours of Operation:** 12+ hours

**Scan Engine:** Honeywell N3601, N6603, N6703 Slim Imager (1D/2D barcode symbologies), Honeywell SDKs for Android

**Application Software:** Honeywell utilities and demos

**Camera:** 13-megapixel color camera with autofocus

**Sensor:** Ambient light sensor, proximity sensor, accelerometer, gyroscope

## WARRANTY

One-year factory warranty

## WIRELESS CONNECTIVITY

**WWAN:** WWAN Radio (ATT/VZW/SPRINT/TMO/NA/EU)

**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 (B26BW)

**WLAN:** IEEE 802.11 a/b/g/n/ac; Wi-Fi certified

**Additional WLAN Features:** 802.11 d/e/h/i/k/r/u/w

**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

* 3.5mm jack is available on Wi-Fi version only.

**CAUTION**
LASER RADIATION
DO NOT STARE INTO BEAM.
CLASS 2 LASER PRODUCT.
RAYONNEMENT LASER.
NE PAS REGARDER DANS
LE FAISCEAU. APPAREIL
À LASER DE CLASSE 2
1mW, 630-680nm, Pulse duration 16.8ms
IEC 60825-1:2007 and IEC 60825-1:2014
Complies with 21 CFR 1040.10 and
1040.11 except for deviations pursuant to
laser Notice No, 50, Dated June 24, 2007
鐳射光, 請勿直視激光束!
2類鐳射產品

**CAUTION**
小心
LASER RADIATION
DO NOT STARE
INTO BEAM. CLASS 2
LASER PRODUCT.
1mW, 630-680nm.
Pulse duration 16.8ms
IEC 60825-1:2007
and IEC 60825-1:2014
激光, 请勿直视激光束!
2类激光产品

# 1D/2D CORDED RING SCANNER Technical Specifications

## MECHANICAL
**Dimensions:** 50 mm x  30 mm x 30 mm (2.0 in x 1.2 in x 1.2 in)
**Weight:** 71 g (2.5 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:** 5% to 95% relative humidity (non-condensing)
**Drop**: Designed to withstand 30 1.2 m (5 ft) drops to concrete, all axes
**Tumble:** Exceeds 1,000 0.5 m (1.6 ft) tumbles per IEC 60068-2-32 specification
**ESD:** ±20 kV air; ±15 kV contact
**Environmental Sealing:** Independently certified to meet IP54 standards for moisture and particle intrusion
**Light Levels:** 0 lux to 100,000 lux (9,290 foot-candles)

## SCAN PERFORMANCE
**Scan Pattern:** Area image (838 pixel x 640 pixel array)
**Motion Tolerance:** Up to 580 cm/s (19.7 in/s) for 13 mil UPC at optimal focus
**Scan Angle:** Horizontal: ±21.4°, ±1.2°; Vertical: ±16.5, ±0.8°
**Symbol Contrast:** 20% minimum reflectance difference
**Pitch, Skew, Tilt:** 45°, 60°, 180°
**Decode Capability:** All standard 1D, 2D and PDF 417 symbologies

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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| SYMBOLOGY | DISTANCE NEAR | DISTANCE FAR |
|---|---|---|
| 5 mil C39/128 | 54 mm (2.1 in) | 153 mm (6.0 in) |
| 10 mil C39/128 | 18 mm (0.7 in) | 328 mm (12.9 in) |
| 100% 13 mil UPC | 36 mm (1.4 in) | 409 mm (16.1 in) |
| 6.7 mil PDF417 | 36 mm (1.4 in) | 175 mm (6.9 in) |
| 10 mil Data Matrix | 43 mm (1.7 in) | 193 mm (7.6 in) |

Typical depth of field measurement data based on the following conditions: Distances measured from front of lens, 23°C (73°F), 0 lux, photographic-quality codes.

**For more information**
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THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell