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.

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.

GRUPO ETS S.A. DE C.V.

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
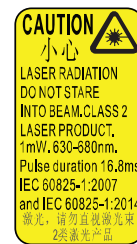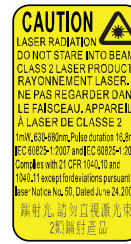
Bluetooth Profiles: HFP, PBAP, A2DP, AVRCP, OPP, SPP, GATT

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
錶射光, 請勿直視激光束!
2類錶射產品

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

GRUPO ETS S.A. DE C.V.

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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Bluetooth is a trademark or registered trademark of Bluetooth SIG, Inc.

All other trademarks are the property of their respective owners.

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.