RT10A

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Rugged Tablet

The Honeywell RT10A rugged tablet is designed for rapid user adoption, minimized TCO and optimized device management. Whether you're a supervisor or a shop floor employee, a manager or a maintenance worker, the RT10A is ready to fit into your daily workflow.



With its bright, high-resolution screen, perfect balance of ruggedness and lightweight design, and integrated barcode scanning, the RT10A improves worker productivity while maintaining a low total cost of ownership.

Keeping workers and managers connected and providing them with the data and functionality they need, when they need it, is crucial to every business. To enable this, you need mobile devices that not only fit your workflow, but also your workforce. If workers don't use a device, the benefits of connectivity, data capture and productivity are never achieved.

With its 10.1-inch bright, high-resolution, optically bonded display and a light yet durable form factor, the Honeywell RT10A rugged tablet is easy to use all day long, making it perfect for rapid user adoption. For data capture, the FlexRange dual-lens imager is capable of scans less than 0.1 m (5 in) all the way out to 10.7 m (35 ft), so users can easily capture barcodes from across the room without having to waste time getting close enough for a scan.

In addition to flexibility and ease of use, mobile devices must also deliver minimized TCO by being durable and optimized for productivity. With its rugged drop specification and IP65 rating, the RT10A is built to last, and its hot-swappable battery packs can save you the hours of downtime that can occur when a device loses its charge. In addition, the RT10A is built on Honeywell's Mobility Edge™ platform, which helps future-proof your investment through Android™ R and beyond, as well as accelerating deployments to minimize your time to value.

FEATURES AND BENEFITS

Powerful barcode scan capabilities including near, mid and far range scans with instantaneous autofocus.

Turn data into action with the RT10A and Operational Intelligence. Find and fix problems like device abusers, or units that weren't charged overnight.

Stay connected with field employees with the RT10A and Smart Talk. Connect field workers with subject matter experts using secure PTT, text, voice and video communications.

Rugged construction withstands 1.2 m (4 ft) drops to concrete using MIL-STD 810G standards, and has an IP65 rating against dust and water.

Vehicle docks for forklift mounting, desk docks for office use, hand or shoulder straps for keeping your tablet at your side – the RT10A has a full suite of accessories for many different workflows.

Honeywell

RT10A Rugged Tablet Technical Specifications

MECHANICAL

Dimensions (W x L x H): 271.9 mm x 198.3 mm x 19.5 mm (10.7 in x 7.81 in x 0.77 in)

Weight:

1.2 kg (2.65 lbs) with standard battery

1.4 kg (3.1 lbs) with extended battery

ENVIRONMENTAL

Operating Temperature:

AC Power: -20°C to 60°C (-4°F to 140°F)

Battery Power: -10°C to 50°C (14°F to 122°F)

Storage Temperature: -30°C to 70°C (-22°F to 158°F)

Humidity: 10% to 90% RH, non-condensing

Transit Drop: 1.2m (4 ft), MIL-STD-810G, Method 516.6, Procedure IV

Crash Shock: MIL-STD-810G, Method 516.6, Procedure V

Vibration: MIL-STD-810G, Method 514.6, Procedure I

Environmental Sealing: IP65

SECURITY

WLAN Security: OPEN, WEP, WPA/WPA2 (Personal/Enterprise) Kensington Lock slot

WIRELESS CONNECTIVITY

WLAN:IEEE 802.11 a/b/g/n/ac; Wi-Fi certified 2x2 MIMO support

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

WLAN Security: OPEN, WEP,WPA/WPA2 (Personal and Enterprise)

WWAN: WWAN: WWAN Radio (ATT/VZW/ NA/EU) LTE Advanced Support up to 400 Mbps CAT13 LTE downlink up to 75 Mbps CAT5 LTE uplink; LTE (FDD) – ands 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)

Bluetooth®: V5.0 Bluetooth and BLE Supported Bluetooth Profiles: HFP, PBAP, A2DP, AVRCP,OPP, SPP, GATT

NFC: Integrated Near Field Communication

Push to Talk (PTT): Supported

GPS Supported Protocols: Simultaneous GNSS. Receiver Support for GPS, GLONASS, Galileo, and Beidou

SYSTEM ARCHITECTURE

Processor: 2.2 GHz Qualcomm® 64-bit **Snapdragon™ octa-core**

Operating System: Android P, **upgradable through Android R**

Memory: 4 GB RAM, 32 GB Storage

Display:

10.1-inch, 800 NIT brightness, 1920 x 1200 dpi resolution

Optically bonded

Audio: Integrated microphones with noise cancellation

Dual 1W speakers

I/O Ports

1x USB 3.0 (Type A)

1x USB 3.0 (Type C)

1x 3.5mm Audio Combo Connector (Mic in or line out) 1x DC jack

1x Micro SDXC slot

User-accessible microSD:

Card up to 512 GB (SDXC/SDHC/ SDIOcompliant)

Keys

1x Power; 1x Home

2x Programmable function keys

Volume control

Camera:

Rear: 13 MP autofocus with flash

Front: 8 MP

Sensors: Ambient light sensor, accelerometer, gyroscope

Battery:

Standard: 5,900 mAh

Extended: 10,280 mAh

Hot-swap battery capability

Scanning Capabilities:

Honeywell N6703 Standard Range 1D/2D Imager

Honeywell FlexRange 1D/2D Imager

WARRANTY

3-year limited factory warranty

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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Android is a trademark or registered trademark of Google LLC.

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

Qualcomm and Snapdragon are trademarks or registered trademarks of Qualcomm Incorporated.

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For more information

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RT10A Rugged Tablet Data Sheet | Rev B | 06/20

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THE FUTURE IS WHAT WE MAKE IT

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RT10W

Rugged Tablet

The Honeywell RT10W rugged tablet is designed for rapid user adoption, minimized TCO and optimized device management. Whether you're a supervisor or a shop floor employee, a manager or a maintenance worker, the RT10W is ready to fit into your daily workflow.



With its bright, high-resolution screen, perfect balance of ruggedness and lightweight design, and integrated barcode scanning, the RT10W improves worker productivity while maintaining a low total cost of ownership.

Keeping workers and managers connected and providing them with the data and functionality they need, when they need it, is crucial to every business. To enable this, you need mobile devices that not only fit your workflow, but also your workforce. If workers don't use a device, the benefits of connectivity, data capture and productivity are never achieved.

With its 10.1-inch bright, high-resolution, optically bonded display and a light yet durable form factor, the Honeywell RT10W rugged tablet is easy to use all day long, making it perfect for rapid user adoption. For data capture, the FlexRange dual-lens imager is capable of scans less than 0.1 m (5 in) all the way out to 10.7 m (35 ft), so users can easily capture barcodes from across the room without having to waste time getting close enough for a scan.

In addition to flexibility and ease of use, mobile devices must also deliver minimized TCO by being durable and optimized for productivity. With its rugged drop specification and IP65 rating, the RT10W is built to last, and its hot-swappable battery packs can save you the hours of downtime that can occur when a device loses its charge. In addition, Honeywell's unique Operational Intelligence offering can improve your TCO even further by dramatically reducing the number of devices that go missing or are sent for repairs unnecessarily.

FEATURES AND BENEFITS

Powerful barcode scan capabilities including near, mid and far range scans with instantaneous autofocus.

Turn data into action with the RT10W and Operational Intelligence. Find and fix problems like device abusers, or units that weren't charged overnight.

Stay connected with field employees with the RT10W and Smart Talk. Connect field workers with subject matter experts using secure PTT, text, voice and video communications.

Rugged construction withstands 1.2 m (4 ft) drops to concrete using MIL-STD 810G standards, and has an IP65 rating against dust and water.

Vehicle docks for forklift mounting, desk docks for office use, hand or shoulder straps for keeping your tablet at your side – the RT10W has a full suite of accessories for many different workflows.

Honeywell

RT10W Rugged Tablet Technical Specifications

MECHANICAL

Dimensions (W x L x H): 271.9 mm x 198.3 mm x 19.5 mm (10.7 in x 7.81 in x 0.77 in)

Weight:

1.2 kg (2.65 lbs) with standard battery

1.4 kg (3.1 lbs) with extended battery

ENVIRONMENTAL

Operating Temperature:

AC Power: -20°C to 60°C (-4°F to 140°F)

Battery Power: -10°C to 50°C (14°F to 122°F)

Storage Temperature: -30°C to 70°C (-22°F to 158°F)

Humidity: 10% to 90% RH, non-condensing

Transit Drop: 1.2 m (4 ft), MIL-STD-810G, Method 516.6, Procedure IV

Crash Shock: MIL-STD-810G, Method 516.6, Procedure V

Vibration: MIL-STD-810G, Method 514.6, Procedure I

Environmental Sealing: IP65

SECURITY

TPM v2.0

Kensington Lock slot

WIRELESS CONNECTIVITY

WLAN: 802.11 a/b/g/n/ac

WWAN: 4G LTE

Bluetooth: Bluetooth® V5.0

SYSTEM ARCHITECTURE

Processor: Intel® Pentium® N4200 Apollo Lake Processor 1.10 GHz, up to 2.50 GHz with turbo boost technology

Operating System: Windows® 10 IoT Enterprise (64-bit)

Memory: 8 GB RAM, 128 GB Storage

Display:

10.1-inch, 800 NIT brightness,

1920 x 1200 dpi resolution

Optically bonded

Audio:

Integrated microphone with noise cancellation

Dual 1W speakers

I/O Ports:

1x Micro HDMI

1x USB 3.0 (Type A)

1x USB 3.0 (Type C)

1x 3.5mm Audio Combo Connector (Mic in or line out)

1x DC jack

1x Micro SDXC slot

Keys:

1x Power

1x Home

2x Programmable function keys

Volume control

Camera:

Rear: 8 MP autofocus with flash

Front: 2 MP

Sensors: Ambient light sensor, accelerometer, gyroscope

Battery:

Standard: 5,900 mAh, approximately 8 hours operating time

Extended: 10,280 mAh, approximately 16 hours operating time

Bridge battery for hot-swapping capability

Scanning Capabilities:

Honeywell N6703 Standard Range 1D/2D Imager

Honeywell FlexRange 1D/2D Imager

WARRANTY

3-year limited factory warranty

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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For more information

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