RT10A

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.

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 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.
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
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) – 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 BCO, 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 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/SDIO compliant)

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 more information
www.honeywellaidc.com

Honeywell Safety and Productivity Solutions
9680 Old Bailes Road
Fort Mill, SC 29707
800-582-4263
www.honeywell.com

RT10A Rugged Tablet Data Sheet | Rev D | 10/20
© 2020 Honeywell International Inc.