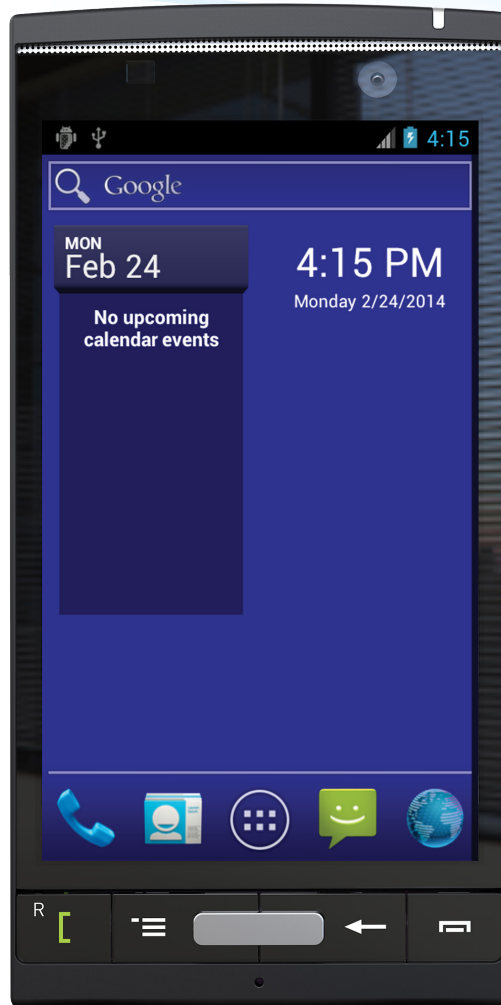


RTX

WIRELESS WISDOM

RTX8110 DECT HS



RTX8140

4" TOUCH DECT / WIFI HANDSET

KEY FEATURES:

- DECT radio for superior HD Voice
- WIFI radio for data and voice over wifi.
- Bluetooth Low Energy for dedicated location solutions and Bluetooth headset
- uSD Card for extra memory
- Front camera
- Dedicated SDK for APP development.
- Enables enterprise features such as
 - Inhouse mobility on DECT and WIFI without 3G/4G roaming costs.
 - Cost efficient solutions for large enterprise deployment.
 - Dedicated applications for workforce optimization (hospitals, warehouse, banking)

Wireless

Main Handset Features:

- IPS 4" TFT 480x800
- DECT/CAT-iq with antenna diversity support
- BT 4.0 + BLE
- Wifi (a/b/g/n)
- 1600mAH lithium ion battery
- Vibrator mode
- Speaker phone mode
- WB audio
- 2M pixel front camera
- 3.5mm headset
- Micro USB for charging and PC synchronization
- Upgrade software through WiFi
- Support micro SDHC up to 32GB

Box Content:

- Handset unit x 1
- Battery x 1
- User Manual x 1



TECHNICAL SPECIFICATIONS

DECT

- Frequency bands:
 - 1880 – 1900MHz (EU)
 - 1910 – 1930MHz (LATAM)
 - 1920 – 1930MHz (US)
- Power levels: 4
- Two antennas with fast diversity
- Range:
 - In-door: 50m
 - Out-door: 300m
- Seamless Handover

WiFi

- Standard compliancy: 802.11a/b/g/n
- Frequency band:
 - 2.4 GHz: 802.11 b/g/n
 - 5 GHz: 802.11 a and n
- Data rates
 - 802.11 a/g: up to 54 Mbps
 - 802.11 b: up to 11 Mbps
 - 802.11 n: up to 72 Mbps
- Encryption methods
 - WEP, TKIP, AES, WAPI
- Authentication methods
 - 802.1x, WPA-PSK, WPA2-PSK, WPS
 - QoS prioritization
 - WMM (based on 802.11e)
- Antenna
 - MIMO 1x1

BLUETOOTH

- 2.4GHz ISM
- BT version: V1.5, V2.0+EDR, V3+HS, V4.0, BLE

DISPLAY

- 4" IPS TFT
- 480 x 800 pixels
- 3 colour MWI LED

KEYPAD

- 9 keys
- Power On Key
- OK key
- Off-hook key and End call key
- Menu and Back key
- 3 side keys (volume up, down, mute/SOS)

AUDIO

- G722 codec for HD audio
- G726 codec for standard audio
- HD audio speakerphone
- HAC compliant

HEADSET OPTIONS

- 3.5mm, iphone pin compatible

RINGER

- 20 ringer melodies, 6 levels
- Silent ringer (vibrator mode)
- Volume control
- Alerting volume, adjustable (low battery, low coverage)

CALL FEATURES

- Android Dial Application
- Caller list (incoming, outgoing, failed)
- Directory access with photo display
- CLI (name and number support)
- Last number redial
- Recall/hold (enquiry)
- Automatic call answer
- Call reject option
- Loudspeaker mode
- Microphone Mute
- HD-Voice and seamless handover
- On-hook number preparation
- Silent Charging

MESSAGING

- Messaging Application
- Message waiting (voicemail)
- Urgency levels: Normal, urgent and emergency
- Message broadcast support
- Set-up of voice call to call back number in message

POWER PERFORMANCE

- Talk time : 16 hours (DECT mode only)
- Talk time : 10 hours (WIFI mode only)
- Standby : 160 hours (WIFI and BT are off, DECT is standby)
- Off time > 550 hours

ENVIRONMENTAL CONDITIONS

- IP40 housing
- Operating conditions: 0-45 degrees

APPROVALS

DECT

- SAFETY
 - CB certificate EN/IEC60950-1 2ed+ A11:2009+A1:2010+A12:2011
 - NRTL and cNRTL
- EU
 - EN301489-1 and EN 01489-6
 - EN/IEC 62209-1/-2
 - EN301406 V2.1.1
- AU
 - CISPR 22:2009
 - AS/ACIF S004:2008
 - AS/ACIF S040:2001
- US
 - FCC Part 15B
 - FCC Part 15D
 - SAR OET 65 IEEE 1528
 - FCC Part 68
- CA
 - ICES-003 Issue 5:2012
 - RSS-210 Issue 8:2010
 - RSS-213 Issue 2:2005
 - IC CS-03 Issue 5: 2012
 - RSS-102 (SAR)

WiFi

- EU
 - EN 301489-17 for WIFI bgn
 - EN 300328
 - EN 301893 V1.7.1 for WIFI a
 - 5150-5250, 5725-5850
 - EN 300440-1 V1.6.1 and EN 300440-2 V1.4.1 for WIFI a
 - 5150-5250, 5725-5850
- US
 - FCC Part 15C for Wifi b/g/n
 - FCC part 15E Radio for WIFI a
 - 5150-5250, 5725-5850
 - SAR for WIFI
- CA
 - RSS-210 Issue 8:2010

BT

- EU
 - EN 301489-17 V2.2.1
 - EN 300 328 v1.8.1
- AU
 - AS/NZS 4268:2012
- US
 - Part 15C for BT
- AU
 - RSS-210 Issue 8:2010