

RTX

WIRELESS WISDOM

Ex DECT HS



NEW

RTX8160 Ex IP65 HANDSET WITH 2.4"

Main Handset Features:

- ATEX Ruggedized IP65 DECT Handset
- HD-Voice (CAT-IQ)/HAC Compliant
- Bluetooth 4.0 (BTLE)
- Alarm Key on top of handset.
- Man Down Alarm
- Pull Cord Alarm
- 2 Microphones (ambient noise reduction)
- Wideband Speakerphone
- DECT Messaging
- Vibrator
- uSDHC memory card.

Box Content:

- Handset unit x 1
- Battery x 1
- User Manual x 1
- Belt clip set x 1

Wireless

TECHNICAL SPECIFICATIONS

DECT

- Frequency bands:
 - 1880 – 1900MHz (EU)
 - 1910 – 1930MHz (LATAM)
 - 1920 – 1930MHz (US)
- Power levels: 4(14,17,20,24dBm)
- Two antennas with fast diversity
- Range:
 - In-door: 50m
 - Out-door: 300m
- Seamless Handover

BLUETOOTH

- 2.4GHz ISM
- Protocol: Bluetooth 3.0 + EDR + BLE (BT 4.0)
- Profiles supported: HSP (Headset) profile 1.2 (NB) HFP (Handsfree) profile V1.6 (NB)

DISPLAY

- 2.4"
- 240 x 320 pixels
- 3 colour MWI LED

KEYPAD

- 27 keys
- 3 Soft keys (left, middle and right)
- 5 Navigation keys (left, right, up, down, OK)
- Off-hook key and End call key
- Speakerphone key
- Menu key
- 2 side keys (volume up, down, mute/SOS)
- 1 top alarm key

AUDIO

- G722 codec for HD audio
- G726 codec for standard audio
- HD audio speakerphone
- HAC compliant
- Dual microphone to reduce ambient noise

RINGER

- 6 ringer melodies, 6 levels
- Silent ringer (vibrator mode)
- Volume control
- Alerting volume, adjustable (low battery, low coverage)
- Loud ringer, 100dBspl

CALL FEATURES

- Speed dial option
- Voice mail configuration
- Handsfree activation
- Call waiting
- Hold / Retrieve
- Call deflection
- Call Transfer, Blind
- Call Transfer, Attended
- Number of simul calls
- Multi line
- Call Swap
- Easy Redial

MESSAGING

- Handset-to-Handset text
- Storage capacity
- Message capacity
- Message length
- Icon / LED indication

POWER PERFORMANCE

- Talk time (NB): 17 hours
- Talk time (WB): 9 hours
- Standby time: Min. 160 hours
- Charge time: 6 Hours

ALARM FEATURES

- Shock – No Movement – Man Down
- Pull cord
- Alarm button

ENVIRONMENTAL CONDITIONS

- Operating conditions: -10-55 degrees

RELIABILITY SPEC

- Impact test: 1000 times according to IEC 60068-2-32.
- IMD keypad for 100 RCA

IP RATING

- IP6x certification
- IPx5 certification

APPROVALS:

Description

- **SAFETY**
 - EN60950-1:2006+A11:2009+A1:2010 +A12:2011+A2:2013 report
 - IEC60950-1:2005(2nd Ed)+A1:2009 test and report (include deviation of USA/CA, NZ/AU, EU Israel, Korea, Belarus, Switzerland, Japan, Ukraine, China)
 - 60950-1:2006+A2:2013 /IEC62133 battery approval.
- **CB certificate**
- **US**
 - Nemo as NRTL
- **EUROPE**
 - EMC : EN301489-1-1 V1.9.2 / EN301489-6 V1.3.1 + Additional ABT
 - SAR : EN/IEC 62209-1/-2
 - RF : EN301406 V2.1.1 + E2 Class
 - Acoustic shock EG 202 518 ETS 300
- **AUSTRALIA**
 - EMC (CISPR 22)
 - AS/ACIF S004
 - AS/ACIF S040
 - SAR EN/IEC 62209-1
- **US / CA**
 - FCC Part 15B / 15D
 - FCC ID certificate
 - SAR OET 65 IEEE 1528
 - FCC Part 68
 - ACTA registration
 - Acoustic shock UL60950-1 UL 1950
 - CA RSS210
 - CA RSS213
 - CA IC certificate
 - CA IC CS-03 (HAC)
 - CA RSS-102 (SAR)
 - CA IC REL registration
 - CA IC TEL registration

BLUETOOTH

- EMC : EN 301489-17 V2.2.1
- RF : EN 300 328 V1.9.1 Radio 2.4GHz
- AU RF AS/NZ S4268
- US FCC Part 15C for BT
- CA RSS-210 Annex8 Radio 2.4GHz