380-430MHz – SC2120
- Receiver static sensitivity -116dBm
- Receiver dynamic sensitivity -107dBm

403-470MHz – SC2124
- Receiver static sensitivity -116dBm
- Receiver dynamic sensitivity -107dBm

806-870MHz – SC2128
- Receiver static sensitivity -114dBm
- Receiver dynamic sensitivity -105dBm

**AUDIo PERFORMANCE**
Speaker audio power: 1W
Rugged accessory connector (iRAC)®
Water-porting technology continually clears water from mic/earpiece & speaker to allow use in constant rain

**ENVIRONMENTAL PERFORMANCE**
Operational temperature (conformance tested): -20°C to +60°C
Operational temperature (min./max.) -30°C to +65°C
Storage temperature -40°C to +85°C
Dust & water protection to IP65 and IP67:
- IP6x (dustproof)
- IPX7 (waterproof - submersible, 1m depth for 30 mins)
- IPX5 (waterproof - heavy rain/spray/jets)
- Trif for purpose; tested for full 8-hour shift in heavy rain
Shock, drop & vibration: ETS 300 019 5M3
ETS 300 019 39M

**POWER SUPPLY**
7.4V (nominal) lithium polymer battery packs
Intelligent reporting batteries
1160mAh standard battery
1880mAh high-capacity battery

**RF PERFORMANCE**
RF power
380-430MHz – SC2120
- MS power Class 3 (2.7W)®, Class 3L (1.8W), & Class 4 (1W)®
- MSTD power Class 3 (2.7W)®, Class 3L (1.8W) & Class 4 (1W)®
- DMO repeater power Class 3 (2.7W)®, Class 3L (1.8W), & Class 4 (1W)®

403-470MHz – SC2124
- MS power Class 3 (2.7W)®, Class 3L (1.8W), & Class 4 (1W)®
- MSTD power Class 3 (2.7W)®, Class 3L (1.8W) & Class 4 (1W)®
- DMO repeater power Class 3 (2.7W)®, Class 3L (1.8W), & Class 4 (1W)®

806-870MHz – SC2128
- MS power Class 3 (2.5W)®, Class 3L (1.8W), & Class 4 (1W)®
- MSTD power Class 3 (2.5W)®, Class 3L (1.8W) & Class 4 (1W)®
- DMO repeater power Class 3 (2.5W)®, Class 3L (1.8W), & Class 4 (1W)®

RF power customisable for:
- TMO/DMO/DM-repeater
- Receiver class A & B

**PRODUCT OPTIONS**
GPS & Beidou 2 support
Bluetooth
Wi-Fi
Man-Down alarm®
DM-Repeater Type 1-A
Air interface encryption
End-to-end encryption
Enhanced security module (ESM)
End-to-end encryption smart card support
Wide range of languages supported
User-changeable coloured keymat bezel for easy identification

**DISPLAY & USER INTERFACE**
Screen:
- 37 x 49mm active LCD area
- High-resolution display QVGA (320 x 240 pixels)
- Sunlight-visible Transflective TFT display, 262K colours

Menu:
- Intuitively-enhanced user interface
- ‘Favourite feature’ shortcut & event notification bar
- With missed call indicator LED
- Choice of three user interface presentation styles (compatibility, grid & list modes)
- Customisable top-level screen content
- Customisable SmartMenus supporting 100s of intuitively arranged soft keys
- Quick change menu for rapid & intuitive selection of talkgroups, status & user profile
- Custom zoom/normal, large & very large mode text
- Night mode to reduce low-light glare in vehicles

- Invert display for easy viewing whilst lapel- or belt-mounted
- Customisable privacy screen image
- Customisable user profiles e.g. ‘covert’, ‘quiet’, ‘in a meeting & loud’

**Network**
Multiple home networks
Up to 30 configurable networks
Simple & mutual authentication
Aliasing with Radio User Assignment (RUA)
- Radio user-initiated log-on/log-off process
- Dispatcher-initiated log-on/log-off process
- Preferred location area
- Fixed location area

**PHONEBOOK**
2000 contact names
Up to six numbers per contact (to a max. of 6000 stored numbers)
64 contact folders including favourite folder

**VOICE SERVICES**
Individual/group/broadcast call
Half-duplex (individual & group)
Route pre-emptive half-duplex call to internal loudspeaker
Half-duplex audio toggle
Full-duplex calls (to MS & PBX/PSN)
Full-duplex auto-answer
Independent volume control
Speed, one-touch & direct dialling
Call priority
Calling/talking party identification
DTMF/SS/DSS/ abbreviated dialling
Ambience listening
Privacy & whisper modes
Group focus
Transmit inhibit with on/off status messaging
Call history
Multiple alert tones

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