Unique water-porting technology allows for uncompromised audio clarity, even in continuous, heavy rain; Connector Protector technology guards against corrosive damage in salt-laden environments.

**BROADBAND READY**

Designed to meet your communication challenges, now and in the future, the SC20 Series combines TETRA’s secure and flexible voice and data communications with an optional second high-speed data bearer. Its unique modular capability provides flexible licensing paths, keeping pace with advances in data technology and minimising the need for further investment.

Smart interaction with body-worn devices such as Bluetooth connected printers, barcode readers and RFID scanners is supported. Up to 32GB of on-board user storage (if using an SD card) allows rapid access to locally stored, data-centric applications and the creation of mission critical apps using moving mapping.

**TECHNICAL SPECIFICATIONS**

**DIMENSIONS**
- Height: 139mm (exc antenna and rotary)
- Width: 61mm (54mm)
- Depth - standard battery: 32.5mm
- Depth - high-capacity battery: 38mm

**WEIGHT**
- With standard battery: 241g (exc antenna)
- With high-capacity battery: 266g (excluding antenna)

**TETRA RF PERFORMANCE**
- RF power: MS power Class 3 (2.7W), Class 3L (1.8W), & Class 4 (1W)
- MSPD 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)
- RF power customisable for: TMO/DMO/DM-repeater, Adaptive power control, Receiver class A & B

**AUDIOPERFORMANCE**
- Speaker audio power: 2W with EN-FI filtering
- Rugged accessory connector (sRAC)2
- 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, IP66, IP67 & IP68
  - IPx5 (weatherproof)
  - IP6x (dustproof)
  - IPx6 (waterproof – heavy rain/spraying/water-jet)
  - IPx7 (waterproof – submersible, 1m depth for 30mins)
  - IPx8 (waterproof – submersible, 2m depth for 1hour)
- ‘Fit for purpose’ tested for complete 8hr shifts “in the pouring rain”
- Shock, drop & vibration: ETSI EN 300 019 SM3
- Salt fog: MIL-STD-810G Method 509; duration 24hr salt
- Salt water: submersion, rated at 2m depth for 1hour4

For full technical specifications see the SC20 Datasheet or visit www.sepura.com

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Sepura’s policy is to continually improve its products and services. The features and facilities described in this document were correct at publication, but are subject to change without notice.
Resilient, intelligent and durable, the SC20 Series next generation smart hand-portable radios are designed to tackle today’s communications challenges and provide tomorrow’s communications solutions.

Shaped by user feedback, the SC20 Series provides intuitive operation and outstanding performance, even in the toughest conditions. Highly versatile, the SC20 Series combines the security and advanced capabilities of TETRA with an optional second high-speed data bearer.

An enhanced apps capability supports interaction with a range of USB and Bluetooth-linked body-worn data accessories, and interactive access to online databases via TETRA or the second high-speed data bearer.

USER FRIENDLY
The SC20 Series' intuitive user interface utilises three context keys and a smarter menu, making it easy to pick up and use with a minimum of training, whilst remaining familiar to existing Sepura users. A unique notification bar gives instant access to five favourite features, indicates missed calls or messages, and alerts the user to any changed states, such as speaker mute or transmit inhibit. Customer-defined SmartMenus give swift access to hundreds of soft key features.

The 2.4” high resolution QVGA screen, the largest on any TETRA hand-portable, anticipates increased apps usage and allows for easy viewing in all light conditions, including direct sunlight.

CLASS-LEADING PERFORMANCE
Powerful 2W audio with enhanced fidelity (EN-FI) technology ensures that voice communication is richer and clearer, even in high noise environments.

Class 3 high-power RF transmission, coupled with exceptional receive sensitivity, gives the SC20 Series extended operational range, stretching coverage into areas where it was not possible before.

UNPARALLELED ROBUSTNESS
Submersible, waterproof and dustproof, the SC20 Series boasts IP66, 67, 68 and 69 environmental protection ratings along with an easy-clean design that allows it to be rinsed in running water – ideal for use in the most demanding environments, such as mining or even within construction.

THE SC20 SERIES COMBINES MISSION CRITICAL TETRA VOICE AND DATA WITH A SECOND HIGH-SPEED DATA BEARER IN A TOUGH, APPS-ENABLED, GO-ANYWHERE PACKAGE

For more information visit sepura.com/SC20

** Integration with Portalify solutions required. Portalify is a Sepura company. For more information, please contact your local representative.

*** Sepura SC batteries enable the SC20 series to support Class 3R, 3RF. New Sepura SC batteries enable the SC20 series to support Class 3R. Class 3R is licence-enabled.

***** Sepura performance limitations may apply.