

# s.QUAD X35

SWISSPHONE



s.ONE  
ready

## The Smart Pager

The new Swissphone s.QUAD pagers impresses users thanks to state-of-the-art, functional designs and unique performance features. Secure receipt of messages, familiar intuitive operation and loud alerting take centre stage. The s.QUAD X35 is also extremely robust, dust and waterproof and very comfortable to wear. With a reception sensitivity of 2.5  $\mu\text{V}/\text{m}$  at 1,200 Bit/s, it is the best in its class.

### Equipped for the future: s.ONE, BLE and RFID

Bluetooth Low Energy (BLE) technology together with the s.ONE software solution makes it possible to connect the s.QUAD with a compatible smartphone or other BLE-capable device. The integrated RFID chip enables more personalised functionalities.

### Key performance features

- ))) Outstanding reception performance with 2.5  $\mu\text{V}/\text{m}$  at 1,200 Bit/s
- ))) Switching bandwidth programmable up to 10 MHz (Wide PLL)
- ))) 64 addresses (RICs) with four sub-addresses each (256 individual addresses)
- ))) 64 selection and switching profiles possible
- ))) Alerting volume > 95 dB(A) at 30 cm distance
- ))) Multi-coloured alarm LED
- ))) Five-level display of signal strength (RSSI)
- ))) Fully graphic, high-resolution display for over 200 characters per page
- ))) Extremely robust (2-m drop test) and dust and waterproof
- ))) Optional: IDEA™ message encryption (128 bit)
- ))) Optional: Multi-channel/scanner in one device



# s.QUAD X35

|  | Performance features   | Technical data   |
|--|--|--|
| <b>Standards, compliance, environmental conditions</b> | Standards  | EN 60068-2-27 (shock)<br>EN 60068-2-6 (vibration)<br>EN 60068-2-32 (2-m drop test)<br>EN 60529:1991 + A1 : 2000 IP67<br>ETSI EN 300 390  |
|  | Compliance   | TR-BOS DME II  |
|  | Temperature range  | -20 °C to +55 °C   |
| <b>Main characteristics</b>                            | Frequency bands<br>(additional frequencies on request)                                   | VHF 2 m band 146-155/155-164/164-174 MHz<br>UHF 70 cm band 430-450/450-470 MHz   |
|  | Frequency processing   | PLL, frequency can be adjusted in the entire frequency band with programming software  |
|  | Channel spacing  | 12.5, 20/25 kHz  |
|  | Sensitivity*<br><small>*typical value at 2 m band (best position on «salty man»)</small> | At 512 Bit/s 2.0 µV/m<br>At 1200 Bit/s 2.5 µV/m<br>At 2400 Bit/s 3.0 µV/m  |
|  | Signal strength display (RSSI)   | 5 column display. More columns means stronger signal   |
|  | Addresses  | <ul style="list-style-type: none"> <li>• 64 primary addresses (RICs) with four sub-addresses each, frame-independent</li> <li>• 256 address names with eight characters</li> </ul>   |
|  | Alerting   | <ul style="list-style-type: none"> <li>• Volume &gt; 95 dB(A) at 30 cm distance</li> <li>• Audio alarm tones</li> <li>• Vibration alarm</li> <li>• Multi-coloured alarm LED, seven colours can be individually programmed</li> <li>• Up to 64 user profiles or selectable RICs</li> </ul>  |
|  | Messages   | <ul style="list-style-type: none"> <li>• Over 100 individual messages with up to 512 characters</li> <li>• 256 fixed texts with 32 storable characters each</li> <li>• Up to two additional message folders</li> <li>• PIN-secured message storage</li> </ul>  |
|  | Supported  | <ul style="list-style-type: none"> <li>• Express-Alarm®</li> <li>• On-air programming</li> </ul>   |
|  | Options  | <ul style="list-style-type: none"> <li>• IDEA™ encryption: (128 bit)</li> <li>• Multi-channel, scanner</li> </ul>  |
| <b>Display and housing</b>                             | Display  | <ul style="list-style-type: none"> <li>• Fully graphic greyscale display with high resolution (146 x 128 pixels, 106 DPI)</li> <li>• White backlight</li> <li>• Displays more than 200 characters per page</li> <li>• Different font sizes with 6, 7 or 8 lines</li> <li>• Vertical and horizontal menu and font guidance (programmable)</li> <li>• Scrollable font</li> </ul> |
|  | Dimensions (H x W x D)   | 81 x 64 x 22 mm  |
|  | Weight (including battery)   | 108 g  |
| <b>Connection possibilities</b>                        | Radio  | <ul style="list-style-type: none"> <li>• BLE (Bluetooth Low Energy) integrated</li> <li>• RFID chip (protocol: EPCglobal Class1 Gen2)</li> </ul>   |
| <b>Power management</b>                                | Type of battery  | NiMH plus battery or alkaline battery (standard AA battery)  |
|  | Operating times (eco mode)   | <ul style="list-style-type: none"> <li>• Alkaline battery (1.5 V): 2,500 hours</li> <li>• NiMH plus battery (1.2 V/2000mAh): 2,400 hours</li> </ul>  |
|  | Battery charging time  | Fours hours  |
| <b>Accessories</b>                                     | Programming software   | Programming frame with Windows-based programming software  |
|  | Chargers   | Charger with relay and antenna connector   |
|  | Carrier bags   | Clip holster (included), Leather case, Safety chain  |

Specifications are subject to change without notice.



## s.ONE ready

s.QUAD was designed to enable the combination of various s.ONE software solutions for clear alerting. Directors of operations can, for example, use their smartphones or computer screens to display how many emergency personnel are available and how many will actually respond.



## Bluetooth

Bluetooth technology makes it possible to connect the s.QUAD with a compatible smartphone and ultimately with various s.ONE software solutions from Swissphone. This includes, among other things, the display of the availability of the emergency services and the resources as well as the strength of the team.