

# s.QUAD X35

SWISSPHONE



s.ONE  
ready

## The Smart Pager

The 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 1200 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 1200 bit/s
- ))) Programmable receiving frequency within switching bandwidth. Wide PLL up to 10 MHz (VHF), 20 MHz (UHF)
- ))) 64 addresses (RICs) with four sub-addresses each (256 individual addresses)
- ))) 64 select as well as toggle profiles available
- ))) Alerting volume > 95 dB(A) at 30 cm distance
- ))) Multi-coloured alarm LED
- ))) Five-level display of signal strength (RSSI)
- ))) High-resolution display for over 200 characters per page
- ))) Extremely robust (2-m drop test), dust and waterproof
- ))) Optional: IDEA™ message encryption (128 bit)
- ))) Optional: Multi-channel and scanner



# s.QUAD X35

	Performance features	Technical data
<b>Standards, compliance, environmental conditions</b>	Standards	ETSI EN 300 390 EN 60068-2-27 (shock) EN 60068-2-6 (vibration) EN 60068-2-32 (2-m drop test) EN 60529 (IP67)
	Compliance	TR-BOS DME II
	Temperature range	-20 °C to +55 °C
<b>Main characteristics</b>	Frequency bands <small>(additional frequencies on request)</small>	VHF 4 m band 81-88 MHz VHF 2 m band 138-146/146-155/155-164/164-174 MHz 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* <small>*typical value at 2 m band (best position on «salty man»)</small>	at 512 bit/s 2.0 µV/m at 1200 bit/s 2.5 µV/m at 2400 bit/s 3.0 µV/m
	Signal strength display (RSSI)	5-level display
	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 protected 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>• Greyscale display with high resolution (146 x 128 Pixel, 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 dry cell (standard AA battery)
	Operating times (eco mode)	<ul style="list-style-type: none"> <li>• Alkaline dry cell (1.5 V): 2500 h</li> <li>• NiMH plus battery (1.2 V/2000 mAh): 2400 h</li> </ul>
	Battery charging time	Four hours
<b>Accessories</b>	Programming set	Programming cradle with Windows-based programming software
	Chargers	<ul style="list-style-type: none"> <li>• Charger with relay and antenna connector</li> <li>• Multi charger</li> </ul>
	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.



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