s.QUAD X15

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 X15 is also extremely robust, dust and waterproof and very comfortable to wear. With a reception sensitivity of 2.5 µV/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.

connect IDEA™ WPLL eco mode

Key performance features

- Outstanding reception performance with 2.5 µV/m at 1,200 Bit/s
- Switching bandwidth programmable up to 10 MHz (Wide PLL)
- 16 addresses (RICs) with four sub-addresses each (64 individual addresses)
- Three selection and switching profiles possible
- Alerting volume > 95 dB(A) at 30 cm distance
- 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)

s.QUAD X15

	Performance features	Technical data
Standards, compliance, environmental conditions	Standards	EN 60068-2-27 (shock) EN 60068-2-6 (vibration) EN 60068-2-32 (2-m drop test) EN 60529:1991 + A1 : 2000 IP67 ETSI EN 300 390
	Compliance	TR-BOS DME II
	Temperature range	-20 °C to +55 °C
Main characteristics	Frequency bands (additional frequencies on request)	VHF 2 m band 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 whole frequency band with programming software
	Channel spacing	12.5, 20/25 kHz
	Sensitivity* *typical value at 2 m band (best position on «salty man»)	At 512 Bit/s 2.0 µV/m At 1200 Bit/s 2.5 µV/m At 2400 Bit/s 3.0 µV/m
	Addresses	• 16 primary addresses (RICs) with four sub-addresses each, frame-independent • 64 address names with eight characters
	Alerting	• Volume > 95 dB(A) at 30 cm distance • Vibration alarm • Alarm LED, programmable • Up to three user profiles or selectable RICs
	Messages	• Over 100 individual messages with up to 512 characters • 64 fixed texts with 32 storable characters each • PIN-secured message storage
	Supported	• Express-Alarm® • On-air programming
	Option	• IDEA™ encryption: (128 bit)
Display and housing	Display	• Fully graphic greyscale display with high resolution (146 x 128 pixels, 106 DPI) • White backlight • Displays more than 200 characters per page • Different font sizes with 6, 7 or 8 lines • Vertical and horizontal menu and font guidance (programmable) • Scrollable font
	Dimensions (H x W x D)	81 x 64 x 22 mm
	Weight (including battery)	108 g
Connection possibilities	Radio	• BLE (Bluetooth Low Energy) integrated • RFID chip (protocol: EPCglobal Class1 Gen2)
Power management	Type of battery	NiMH plus battery or alkaline battery (standard AA battery)
	Operating times (eco mode)	• Alkaline battery (1.5 V): 2,500 hours • NiMH plus battery (1.2 V/2000mAh): 2,400 hours
	Battery charging time	Four hours
Accessories	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.

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