

s.QUAD X15

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 X15 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 and RFID

The wireless technology together with the s.ONE software solution makes it possible to connect the s.QUAD with a compatible smartphone or other wireless-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)
-))) 16 addresses (RICs) with four sub-addresses each (64 individual addresses)
-))) Three select as well as toggle profiles available
-))) Alerting volume > 95 dB(A) at 30 cm distance
-))) High-resolution display for over 200 characters per page
-))) Extremely robust (2-m drop test), dust- and waterproof
-))) Optional: IDEA™ message encryption (128 bit)



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	Performance features	Technical data
Standards, compliance, environmental conditions	Fulfilled standards	ETSI EN 300 390 For details on other standards, please refer to the declaration of conformity
	Compliance	TR-BOS DME II
	Temperature range	-20 °C to +55 °C
Main characteristics	Frequency bands (additional frequencies on request)	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
	Addresses	<ul style="list-style-type: none"> 16 primary addresses (RICs) with four sub-addresses each, frame-independent 64 address names with eight characters
	Alerting	<ul style="list-style-type: none"> Volume > 95 dB(A) at 30 cm distance Vibration alarm Alarm LED, programmable Up to three user profiles or selectable RICs
	Messages	<ul style="list-style-type: none"> Over 100 individual messages with up to 512 characters 64 fixed texts with 32 storable characters each PIN protected message storage
	Supported	<ul style="list-style-type: none"> Express-Alarm On-air programming
	Option	<ul style="list-style-type: none"> IDEA™ encryption: (128 bit)
	Display and housing	Display
Dimensions (H x W x D)		81 x 64 x 22 mm
Weight (including battery)		108 g
Connection possibilities	Radio	<ul style="list-style-type: none"> Wireless technology integrated RFID chip (protocol: EPCglobal Class1 Gen2)
Power management	Type of battery	NiMH plus battery or alkaline dry cell (standard AA battery)
	Operating times (eco mode)	<ul style="list-style-type: none"> Alkaline dry cell (1.5 V): 2500 h NiMH plus battery (1.2 V/2000 mAh): 2400 h
	Battery charging time	Four hours
Accessories	Programming set	Programming cradle with Windows-based programming software
	Chargers	<ul style="list-style-type: none"> Charger with relay and antenna connector Multi charger
	Carrier bags	Clip holster (included), leather case, safety chain

Specifications are subject to change without notice.



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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.



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