



AC 200

Device data

Dimensions (W × D × H)	225 × 62 × 155 mm
Weight	1.2 kg
Material	polycarbonate (housing)

Certificates

Certificate	FCC, CE, IC, MIC
Marking	Contains: FCC ID WSP-EZ1300102 IC 7994A-EZ1300102

Device elements

Display	5.7" TFT display 640 × 480 pixels (VGA), LED backlight
Interface	micro USB
Memory	90 MB (internal)
Processor	RISC 32 bit, DSP
Operation	touch screen, ON/OFF key, two activation keys

Operating conditions

Operating temperature	-20 – 60 °C
Storage temperature	-25 – 50 °C (briefly 60 °C)
Humidity	15 – 90 % r.h., non-condensing
Protection rating	IP65/IP67
Non-permitted operating environments	in potentially explosive areas

Power supply

Power supply	2 × lithium ion batteries (rechargeable) [1357-0002]
Operating time, typical	> 10 h
Battery power	2 × 24 Wh
Charging time	< 7.5 h
Charging temperature	0 – 40 °C
Charging voltage	12 V
Charging current	1.2 A
Charger	AC/DC adapter L (charge in case)

Data logging

Filter	<p>when used for water leak detection:</p> <ul style="list-style-type: none"> • Bandpass: adjustable between 0 Hz and 12 kHz • Passband, minimum: 300 Hz • Increment, minimum: 50 Hz <p>when used for correlation:</p> <ul style="list-style-type: none"> • automatic or manual
Sampling rate	16 bit / 24 kHz

Data transmission

Communication	near-field radio			SDR (Sewerin Digital Radio)
Transmission frequency	433,9	/434,4	MHz	2.408 – 2.476 GHz, 38 channels
	444,5500	/444,9875	MHz	
	458,5125	/458,7875	MHz	
	468,5	/469,6	MHz	
Radio range	> 500 m			> 2 m
Transmission bandwidth	0 – 5 kHz			0 – 12 kHz
Power	500 mW			10 mW

Positioning GNSS (GPS, Galileo, GLONASS)

Accuracy	2.5 m CEP, 50 %
Antenna	integrated

Additional data

Attachment option	Quick-release fastener
Transport	Case AC 200 SK4, case SK10
Shipping instructions	<p>UN 3481: lithium ion batteries contained in equipment or lithium ion batteries packed with equipment</p> <p>net weight of battery/batteries: 0.196 kg</p>

Assignment

System components of	SeCorrPhon system
For use with	transmitter RT 200, universal microphone UM 200, carrying rod TS 200, wireless headphones F8