



UT 9200/9100 R

Device data

Dimensions (W × D × H)	120 × 325 × 705 mm
Weight	2.2 kg (with batteries)

Certificates

Certificate	CE, FCC, IC
Marking	contains FCC ID: WAP3039 IC: 7922A-3039

Features

Display	graphics LCD, LED backlight with light sensor
Interface	mini USB
Operation	membrane keypad with 6 keys

Operating conditions

Operating temperature	-20 – 50°C
Humidity	10 – 90% r.h., non-condensing
Atmospheric pressure	950 – 1100 hPa
Protection rating	IP65
Non-permitted operating environments	in potentially explosive areas

Storage conditions

Storage temperature	-32 – 70°C
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Power supply

Power supply	alkaline batteries LR20, mono D, two units
Operating time, typical	30 h

Data transmission

Transmission frequency	2.4 GHz
Radio range	max. 800 m
Communication	Bluetooth <ul style="list-style-type: none"> • dual mode module (Bluetooth 4.0 (LE), Bluetooth Classic 2.1) • class 2

Location

Receiving frequency	<ul style="list-style-type: none"> • 75 active frequencies between 64 Hz and 200 kHz • passive frequencies: 50/60/100/120/150/180 Hz
Location depth	<ul style="list-style-type: none"> • manual: max. 12 m • automatic: max. 6 m • error: <ul style="list-style-type: none"> ◦ active locating: $\pm 5\%$ up to 3 m ◦ passive locating: $\pm 10\%$ up to 3 m ◦ beacon (locating transmitter): $\pm 5\%$ up to 3 m

Pinpointing via GNSS (UT 9200 R only)

Accuracy	2.5 m CEP, 50%
Antenna	integrated
Navigation systems	GPS, Galileo, GLONASS, Beidou

Additional data

Transport	bag
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Assignment

System components of	<ul style="list-style-type: none"> • UT 9200 R: UT 9200 • UT 9100 R: UT 9100
For use with	UT 9012 TX, UT 9005 TX