



UT 9012/9005 TX

Device data

Dimensions (W × D × H)	295 × 180 × 260 mm
Weight	3.75 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 4 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	<ul style="list-style-type: none">• with batteries: -32 – 70°C• with lithium-ion battery (rechargeable): -20 – 45°C, optimum: <21°C
Humidity	with lithium-ion battery (rechargeable): <80% r.h., non-condensing
Environment	with lithium-ion battery (rechargeable): free of corrosive gases

Power supply

Power supply	either: <ul style="list-style-type: none"> batteries: alkaline LR20, mono D, 10 units (as delivered) lithium-ion battery (rechargeable) [9083-9007], built into special battery compartment lid
Net weight of batteries	weight per cell: 0.046 kg total: $16 \times 0.046 \text{ kg} = 0.736 \text{ kg}$
Operating time, maximum	<ul style="list-style-type: none"> with batteries: 100 h with lithium-ion battery (rechargeable): 80 h
Battery power	130 Wh

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

Transmitting frequency	75 active frequencies between 256 Hz and 200 kHz
Transmitting power	<ul style="list-style-type: none"> UT 9012 TX: 12 W, 5 power settings UT 9005 TX: 5 W, 5 power settings
Transmitting current	max. 500 mA
Transmission voltage, effective	max. 65 V

Additional data

Transport	bag
Shipping instructions	only applies to battery compartment lid with lithium-ion battery (rechargeable). <ul style="list-style-type: none"> contains: <ul style="list-style-type: none"> 1 lithium-ion battery included in equipment (UN 3481) 130 Wh transport as per ADR class 9 and VA 967, part II IATA possible

Assignment

System components of	UT 9200, UT 9100
For use with	UT 9200 R, UT 9100 R