



# TX80 Urba One

## Slim & High-Tech

The smallest and slimmest taximeter offering connectivity and power never seen before. 5G. Bluetooth. GPS. Capacitive touchpad.

### OUTSTANDING FEATURES



Full screen display with monochrome LED indicators.



Linked with the APP Smart TD. Shifts, statistics, downloads in Excel...



Integrated touch keyboard for maximum durability.



Adjustable support with double articulation to avoid losing detail.



Industrial 5G IoT connectivity, Bluetooth Low Energy and GPS geolocation.



Installation with up to three direct cables to the device.



No need for additional peripherals to work with a Radiotaxi Taxitronic.



Rooflight connection, serial port and parallel port\*

\*Check specifications

# SPECIFICATIONS

## TECHNICAL FEATURES

Power supply voltage	Nominal: 12V Maximum: 30V, Minimum: 8V
Consumption	Maximum consumption without external light: 300 mA Maximum consumption with meter off: 6 mA Maximum internal battery consumption: 2,5 µA
Maximum power	36 W for each external light or 60 W in case of connecting three outputs in parallel
Power supply pulse generator	5 V
Pulse generator input signal	Level 0 = -1 to 2,5V Level 1 = 4 to 25 V
Maintenace of information disconnected from vehicle battery	5 years
Overvoltages	40 V of duration 10 ms
Resistance to electrostatic discharge	6 kV (Contact), 8 kV (Air)
Protection against built-in reverse connection	Internal protection fuse of the 1,85 A connectors 4 A external protection fuse
Operating temperature	- 25 to +70 °C
Storage temperature keeping information	- 40 to +85 °C
Constant «K» of the device	500 to 80.000 impulses per km/ml
Climate environment	M3
Electromagnetic environment	E3

## MECHANICAL FEATURES

Urba ONE	Length 155mm, height 49mm, width 16mm
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## CERTIFICATIONS / DIRECTIVES

MID 2014/32/EU	MID certification granted by NMI with certification code T10881
OIML R21	OIML R21 certification otorgada by NMI with certification code R21/2007-A-NL1-21.01
Regulation 10	Automotive R10 electromagnetic compatibility certification granted by IDIADA with certification code E9*10R06/00*22513*00
Regulation 21	Test report for R21 Interior Vehicle Conditioning with report number 20-21000000-0095

# SPECIFICATIONS

CONNECTIONS (located on the back of the device)		
Main port	Shielded cable	Unshielded cable
Power supply (12V, GND)	Yes	Yes
5V Output	Not wired	Not wired
Pulse signal	Yes	Yes
Key status input	Yes	Yes
Emergency button input	Yes	Yes
Passenger sensor input	Not wired	Yes
Additional digital input	Not wired	Not wired
Light output for hire/occupied	Yes	Yes
3 additional light outputs (parallel rooflight 3 tariffs)	Not wired	Yes
8 additional light output port (parallel rooflight 8 tariffs)		No
Specific port for signal input pulse		No
CAN Bus port with CIA 447 protocol for Taximeter		No
Port for external serial printer		Yes
Serial rooflight port		Yes

WIRELESS COMMUNICATIONS	
Bluetooth 4.2 Dual Mode	Yes
GPS receiver, GLONASS, BeiDou/Compass, Galileo, QZSS	Yes
Mobile data CATM1 (5G LPWA) / EGPRS (2G)	Yes
Integrated antennas	Yes