



TX80 Urba

Slim & High-Tech

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

OUTSTANDIG 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.



Impeccable installation. One cable in sight



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



Connections with external TX80. Serial and parallel rooflight connector, printer and pulse generator.

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
Resistencia a descargas electrostáticas	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	Length 155mm, height 49mm, width 16mm
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CERTIFICACIONES / NORMATIVAS

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 TX80)	
Main port	Unshielded cable
Power supply (12V, GND)	Yes
5V Output	Not wired
Pulse signal	Yes
Key status input	Yes
Emergency button input	Yes
Passenger sensor input	Yes
Additional digital input	Not wired
Light output for hire/occupied	Yes
3 additional light outputs (parallel rooflight 3 tariffs)	Not wired
8 additional light output port (parallel rooflight 8 tariffs)	Yes (with internal accessory ILP80)
Specific port for signal input pulse	Yes
CAN Bus port with CIA 447 protocol for Taximeter	Yes (with internal accessory ILP80)
Puerto para impresora serie externa	Yes
Puerto para luminoso serie	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