



# TX80 SkyGlass II

## Breaking the limits

The Taxitronic TX80 SkyGlass II taximeter breaks all limits. Connected to Smart TD, integrated printer in the mirror, counterfeit detector, careful minimalist design that takes care of the aesthetics of your vehicle, touch keyboard, courtesy light and easy installation.

### MAIN FEATURES



Superimposed or by replacing the original mirror.



Linked to the Smart TD APP. Shifts, statistics, Excel downloads...



Capacitive keypad ensures maximum durability.



Configurable warm courtesy light and on-board counterfeit detector.



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



Easy-load thermal printer integrated in the PRO version. Fast, quiet and compact.



No need for additional peripherals to work with a Taxitronic Radio Taxi.



Peripheral connection in TX80 box. Rooflight (serial and parallel connector), printer and pulse generator.

# SPECIFICATIONS

## TECHNICAL FEATURES

Power supply voltage	8V to 30V. Nominal: 12V
Consumptions	Maximum consumption without exterior lights: 1500 mA Maximum consumption with taximeter off: 6 mA
Maximum power	W for each external light or 60 W if three outputs are connected in parallel.
Power supply pulse generator	5 V
Pulse generator input signal	Low level: from -1 to 2,5V High level: from 4 to 25 V
Maintenance of information disconnected from vehicle battery	5 years
Protection against built-in reverse connection	Internal protection fuse of the connectors 1.85 A
Operating temperature	- 25 to +70 °C
Storage temperature keeping information	- 40 to +85 °C
Constant «K»	500 to 80.000 impulses per km/mi
Climate environment	M3
Electromagnetic environment	E3

## MECHANICAL FEATURES

SkyGlass II	Width 286mm, Height 105mm, Depth 27mm
SkyGlass II Pro	Width 286mm, Height 105mm, Depth 90mm

## CERTIFICATIONS/ REGULATIONS

MID 2014/32/EU	MID certification granted by NMI with certification code T10881
OIML R21	OIML R21 certification granted 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*10R06/02*5054*00
Regulation 46	Automotive R46 devices for indirect vision with regard to the installation of these devices, cwith certification code E9*46R04/09*4683*01

# SPECIFICATIONS

CONNECTIONS (located in the TX80 box)	
Main port	Standard cable
Power input (12V, GND)	Yes
Impulse signal	Yes
Key status input	Yes
Emergency button input	Yes
Passenger sensor input	Yes
Additional digital input	Not wired
Light output free/hired	Yes
3 additional light outputs (parallel rooflight 3 tariffs)	Not wired
Extra connections	
Port for 8 additional light outputs (parallel rooflight 8 tariffs)	Yes (with internal accessory ILP80)
Specific port for pulse signal input	Yes
CAN Bus port with CIA 447 protocol for Taximeter	Yes (specific reference order)
External serial printer port	Yes
Serial rooflight port	Yes
WIRELESS COMMUNICATIONS	
Bluetooth	4.2 Dual Mode
GNSS	GPS, GLONASS, BeiDou/Compass, Galileo, QZSS
Mobile data	CATM1 (5G LPWA) / EGPRS (2G)
Integrated antennas	Yes