

**Advanced
vehicle tracker for fleet
monitoring and
security services**



General description:

X-10 is a smart and advanced telematic device. It has been developed to combine real-time monitoring and high security applications in an all-in-one solution.

It supports a wide suite of customizable functions that makes it flexible and suitable for any kind of application, such as: Jamming function, built-in RF module managing dedicated wireless sensors, Driver ID function, 2 Serial ports for connecting dedicated accessories.

X-10 is the right choice to meet all your service requirements.

Package list:

- **X-10** telematic device with EGPRS/LTE Cat M1 modem, GPS/GLONASS/GALILEO triple-mode GNSS receiver and 433,92MHz RF receiver
- Rechargeable backup battery
- Combined Power/Inputs/Outputs wiring
- Mounting clips

Specifications:

- Nominal power voltage: DC 12/24V
- Max. current absorption: 1A
- Current consumption (standby mode): $\leq 1\text{mA}$
- Operating temperature range: from -40°C to 85°C
- Open drain outputs 1, 2, 3, 4: 200mA max.
- Rechargeable backup battery
- GSM modem: 850/900/1800/1900MHz
- LTE bands: 1/3/8/20
- LTE bands frequency range:
 - . Band 1 TX 1920-1980MHz / RX 2110-2170MHz
 - . Band 3 TX 1710-1785MHz / RX 1805-1880MHz
 - . Band 8 TX 880-915MHz / RX 925-960MHz
 - . Band 20 TX 832-862MHz / RX 791-821MHz
- Conducted RF power GSM band (TX 914,39MHz): 32,77dBm
- Conducted RF power DCS band (TX 1737,78MHz): 30,08dBm

- Conducted RF power LTE bands:
 - . Band 1 (TX 1920-1980MHz): 21,08dBm
 - . Band 3 (TX 1710-1785MHz): 21,57dBm
 - . Band 8 (TX 880-915MHz): 21,71dBm
 - . Band 20 (TX 832-862MHz): 22,02dBm
- GNSS receiver: GPS, GLONASS, GALILEO triple-mode
- RF receiver: 433,92MHz
- Serial port: 2 separate Serial ports "K" and "S"
- Unit programming by USB, SMS or TCP/IP
- Mileage Counter (GNSS)
- Advanced real time Tracking setting
- Daily Timer report (up to 3 pre-defined Timers per day)
- Wake-up on movement, Periodical wake-up and Entering sleep mode reports
- Advanced Power Saving Mode setting
- Tow and Speed limit reports (GNSS)
- Jamming function
- Input Counter function (up to 4,294,967,295 counts)
- Up to 12 virtual Outputs (for configuration setting purpose only)
- Up to 100 advanced User-defined reports
- Up to 30 circular Geofences
- Auto-target function
- Up to 100 Time schedules
- Service mode
- 3D G-Sensor (adjustable sensitivity by remote)
- Remote Firmware upgrade OTA (by FTP)

Directives and conformities:



Directive RED 2014/53/UE