PilOTiC®

TEEKY®

Emetteur radio Linky (ERL)
NB-IoT / LTE-M / BLE

LAURÉAT 2024
enerGaia
Trophées de l'innovation

Reliable Access to Energy Data Anytime, Anywhere

The "Emetteur Radio Linky", developed by Pilotic, seamlessly collects data from Linky smart meters, widely deployed in France by Enedis.
It supports both standard and historical TIC (Tele information Client) formats, ensuring comprehensive and flexible data management.

Easy Installation

The TeeKy® is easily installed without any configuration or pairing, thanks to the use of the cellular network. Simply insert it into the designated slot on the Linky smart meters.

Real-time data
Every 30 seconds on the cloud!

The TIC data, refreshed in real time every 30 seconds, is:
- Available on the cloud
- Accessible via our APIs
- Directly pushed into your telemetry environments!

Only a cellular network connectivity is required.

Bluetooth Low Energy	2.4 Ghz 19dBm BLE 5.3
LTE-M	Band B20 (800 Mhz) LTE-CatM1 & LTE-CatM2
NB-IoT	Band B20 (800 Mhz) NB1 & NB2
Certification*	CE, Linky Ready (TIC standard & Historique)
Connectivity	Bornier I1 I2
Power Supply	Auto-alimenté par le compteur Linky
Weight	30g
Dimensions	67x30x58mm

PilOTiC®

A companion app for you and your clients

The SweenApp® is available on Android, iOS, and the Web, allowing you to view real-time data or access historical records.

It can be offered in white label for your brand.

TIC data transmitted wirelessly and over long range locally

Data from the TIC can be transferred to another device located up to 4 km in open field and 150 m with various obstacles (trees, walls, etc.) using the BLE (Bluetooth Low Energy) protocol.

Wireless Relay Control

Thanks to the BLE protocol, the Teeky® can control one or several BLE relays via different programmable logics, either pre-configured at the factory or through an application:

- Peak / Off-Peak Hours
- Injection of Photovoltaic Surplus
- Tempo/EJP Calendar
- Instructions from the Cloud

Developed and manufactured in France

Backward Compatibility with Energy Managers

Thanks to its dedicated terminal, the I1 and I2 connectors of the TIC remain fully accessible for existing energy managers.

Potential Applications for the Entire Smart Grid Market:

- Energy Efficiency and Sobriety
- Unified Monitoring (with TeeCom®) and Tracking of Grid Operator Data
- Real-Time Collective Self-Consumption
- Grid Services: Control and Management of Distributed Resources for Flexibility, peak shaving, curtailmen…

The TeeKY® seamlessly retrieves TIC data from Linky smart meters, whether single-phase or three-phase models.