



trio touchscreen

Smart in-home energy display



Product overview

The Trio family of products are a range of in-home displays designed to meet the growing demand to visualise energy consumption, alongside smart meter programmes throughout Europe. Trio has a highly engaging user interface and flexible localisation and language options.

The Trio Touchscreen is a fully compliant SMETS 1+2, PPMID smart in-home energy display.

Technical specification

- Single or dual fuel electricity and gas consumption monitoring
- Highly responsive and flexible full colour 3.45 inch TFT touch screen display
- Zigbee® Smart Energy (SE) 1.4b certified
- Compliant with SMETS 1, SMETS 2, and SMDA standards for in-home displays
- OTA upgradable firmware and UI (SMETS 1)
- OTA upgradable firmware and UI via WiFi (SMETS 1 or SMETS 2)
- Credit and pre-payment functionality
- Auto switches between SMETS 1 and SMETS 2
- Coloured LED for electricity usage indication, and graphical quick access menu
- Built-in WiFi connectivity for geo or 3rd party energy apps
- Supports CAD functionality
- OTA upgradable firmware and UI
- Internal primary battery
- Anti-tamper seals
- 13 months of data storage
- Power supply: 230 Vac, 50 Hz UK, Euro, North America and Australia PSU pin options
- Consumption: < 0.6 W
- Radio: Standard 2.4 GHz Zigbee® SE and optional 868 MHz (Zigbee® SE)



Product features and benefits

Simple and intuitive touch screen user interface

Helping customers to understand how much energy they are using now and how much it is costing them, with the ability to set budgets to track energy spend, and full electricity and gas consumption over the last year. Intuitive touch screen navigation to interact with the device.

Auto-switching between SMETS1 and SMETS2

We have designed the Trio to automatically switch between SMETS1 and SMETS2 meters, so regardless of the meter you install or inherit, the Trio will automatically switch modes to talk to the meter. Additionally, the Trio auto-joins the HAN once the pairing window is opened, simplifying your the experience for your installer team.

Supplier agnostic Prepay (PPMID) certificates

The Trio comes out-of-the box as both and IHD and PPMID. Additionally, we take the hassle out of managing and integrating PPMID certificates. We work directly with the DCC and pre-install supplier agnostic certificates on your behalf.

Quick access menu button

Our Trio Touchscreen features a quick access graphical menu for commonly used features, such as electricity and gas consumption or system status.

Built for today's smart meters and in-field upgradable

The Trio Touchscreen is built to comply with the latest SMETS 1 and SMETS 2 standards for in-home displays, allowing utility partners to deploy with multiple meter manufactures. The Trio can be updated Over-The-Air (OTA), via WiFi, allowing for refinements in the user experience and user interface.

Connected devices and data services

With our built-in WiFi module, you are able to add value to your energy app, or use our intuitive Tempo Energy App. You can select individual or combined solutions utilising processed data via our APIs, or raw data (live, historic or batch data) via our AWS SQS queue system.