FAST EnergyCam RF with external antenna (Art.Nr.1010)

Quick Start Guide

1 - How it works
EnergyCam RF with external Antenna reads mechanical meters such as electricity, gas and water meters and transmits meter reading data via Wireless M-Bus. This guide gives you all the information you need to set up and run the device.

2 - What’s in the box

1) EnergyCam RF incl. antenna socket
2) External antenna
3) 3M VHB surface cleaning kit
4) 3M adhesive pad
5) Quick Start Guide (this document)

3 - Installation
On the back of this page you'll find instructions on how to configure and install your EnergyCam RF. **IMPORTANT:** The device needs the external antenna to work properly. It must be plugged into the antenna socket before installation

4 - Safety Information

**WARNING:** If the battery is replaced improperly, there is danger of explosion.
As internal battery, a CR 2450 lithium 3V button cell must be used.

Batteries, electrical and electronic devices may not be disposed of with household waste. These devices must be returned to designated collection facilities appointed by the government or by the local authorities. The CE mark is a free trade mark. It does not guarantee any product features.

5 - Technical support

If you have any problems or questions, please contact us directly:
You can reach us from Monday to Friday between 0900 and 1700 CET
Tel: +49 (0)89-540-40-100
www.fastforward.ag/eng/support
FAST FORWARD AG  Ruedesheimer Strasse 11,  D-80686 Munich
1. Preparation

A) Install ECWin software
Download the latest build (ECWin Build #) from our website: [http://www.fastforward.eu/eng/download](http://www.fastforward.eu/eng/download)

B) Documentation review
Review the installed documentation which explains how to install and use your EnergyCam RF. The manual can be opened by pressing the help button in ECWin.

2. Configuration

This step is only required if you want to change the EnergyCam RF configuration. The device is preconfigured with the following defaults:
- M-Bus (Type: Electricity)
- wireless M-Bus (wireless M-Bus: enabled, Mode: T (T1 and T2), manual wM-Bus installation, Encryption: disabled)
- OCR Configuration (Read Decimal: enabled, Reading Timer: 15 Minutes, Font: White on Black)
- Serial (Modbus, 115200 Baud, 8E1, Slave address: 1)
- Advanced (Auto power down after reading: enabled)

A) Unpack and connect EnergyCam RF to your PC
using the FAST USB Communication Interface (Art. Nr. 1063) and a Micro-USB data cable (not included). Maybe wait for the automatic installation of the device driver software.

B) Start ECWin application and press AutoConnect button
The Software automatically searches for connected EnergyCam devices. If the ECWin application is not able to connect – please check:
- Device Manager → Ports (COM & LPT) → USB Serial Port (COM ?) must be present.
- If not, see chapter 3.a) of the manual and follow the driver installation instructions.

C) Update the firmware of the device if necessary
If the firmware of EnergyCam RF is not up to date, update it now by pressing the designated button.

D) Open the device configuration dialog
by pressing the Config button.

E) Configure your EnergyCam RF
Adjust the settings to fit your requirements. Confirm changes with OK! (Further information in chapter 3.d) of the manual)

F) Disconnect EnergyCam RF from your PC
Unplug the FAST USB Communication Interface.

3. Add EnergyCam RF to your network / setup

A) Integrate EnergyCam RF into your setup
Insert the CR2450 battery (Art. Nr. 1073) into the provided tray and plug the battery tray in your EnergyCam RF. Or use the external FAST AA battery (Art. Nr. 1072). Integrate EnergyCam RF into your wireless M-Bus network.

B) Install EnergyCam RF on meter
Press the button until "- 3 -" is shown on LCD to trigger installation.
Position the device on the meter. LED arrows help you to locate the exact position for meter readout. Note that an upside down installation may be necessary. For further information, read chapter 2.d) of the manual.