

FAST EnergyCam Open Wire

Quick Start Guide

1 - How it works

EnergyCam Open Wire reads mechanical meters such as electricity, gas and water meters and transmits meter reading data via Modbus.

This guide gives you all the information you need to set up and run the device.

2 - What's in the box

- 1) EnergyCam, wired type (Art. Nr. 1003)
- 2) Interface cable, open wire (Art. Nr. 1068)
- 3) 3M adhesive pad
- 4) 3M VHB surface cleaning kit
- 5) Quick Start Guide (this document)



3 - Installation

How to install your EnergyCam Open wire:

1 **Raspberry PI implementation review**

Example implementation which compiles a CSV file from an application and presents it on a webserver: <https://github.com/ffcrge/ecpi>

2 **Protocol documentation review**

Download the latest Modbus documentation from our website:
<http://www.fastforward.ag/eng/download>

4 - EnergyCam production defaults

EnergyCam Open Wire is configured by default as:

- Electricity
- wM-Bus: disabled
- Auto power down: disabled
- Read decimal: enabled
- Reading timer: 15 minutes
- Font: White on Black
- Modbus, 115200 baud, 8E1
- Slave address: 1

5 – Wire assignment

The assignment of the 4-wire cable is as follows:

- **RED:** 3.0-3.6 VDC / ≥ 50 mA
- **GREEN:** EnergyCam-RxD TTL
- **YELLOW:** EnergyCam-TxD TTL
- **BLACK:** GND

IMPORTANT: There is no polarity protection. Interchanging red and black will damage the device!

6 - 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

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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.



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