

Solar Developer's Kit EDK 310 and EDK 310C

This kit extends the basic developer kit EDK 300 for the solar-powered radio modules of the all-in-one STM 310 product series.

As extension of the EDK 300 basic development kit the EDMK 310 supports configuration and programming of the EnOcean STM 310 family. It allows configuration and programming of the modules STM 31x and STM 330.

EDK 310 contains the 868 MHz module STM 310, EDK 310C contains the 315 MHz module STM 310C. The extremely power saving RF transmitter module STM 310 enables the realization of a wide range of wireless and solar-powered sensors such as temperature sensors, humidity sensors, or room operating panels and others.

STM 310 come already with a pre-defined feature set for energy management, data acquisition, data processing and wireless data transmission. User specific applications can be implemented based on the Dolphin application programming interface (Dolphin API), delivered with EDK 300:



Key features STM 310

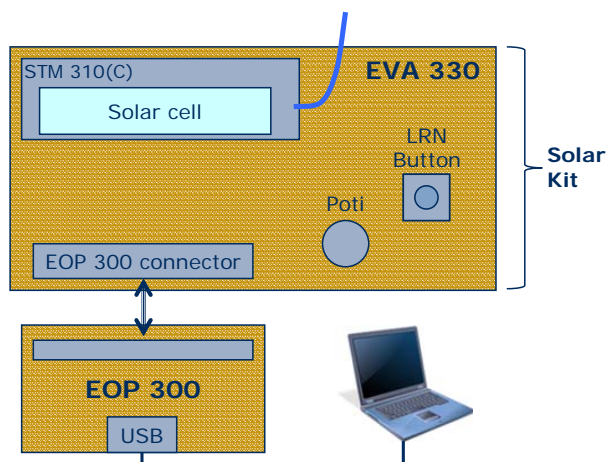
- Compact self powered radio module with onboard solar cell
- Onboard short-/long term capacitors with energy management
- Multiple I/O pins for external sensors
- 3 A/D converter inputs
- 3 digital inputs
- Configuration and programming for customer specific applications

EDK 310 content (868 MHz)

- 1x STM 310 all-in-one module
- 1x EVA 330 programming board
- 1x Leaflet for documentation download

EDK 310C content (315 MHz)

- 1x STM 310C all-in-one module
- 1x EVA 330 programming board
- 1x Leaflet for documentation download



Required from EDK 300 for module configuration or application programming:

- Hardware - EOP 300 programmer and TCM 3x0 radio module
- PC Software - Dolphin View (visualization), Dolphin Studio (programming)

Type	Ordering Code
EDK 310	S3004-X310
EDK 310C	S3034-X310
EDK 300	S3004-X300 (868 MHz)
EDK 300C	S3034-X300 (315 MHz)