

## EnOcean Starter Kit ESK 300 / ESK 300C / ESK 300U

**EnOcean Starter Kit has been designed to demonstrate EnOcean's energy harvesting and ultra low power radio technology.**

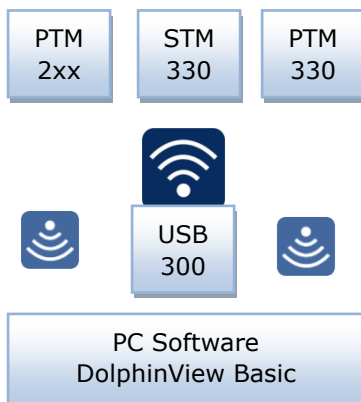
ESK 300 comes with electro-mechanical push button generators for switches and a solar powered temperatures sensor. Radio telegrams sent by the self-powered sensors are received via USB gateway and visualized via PC software.

ESK 300 variants are available for:

- 868,300 MHz / ESK 300 (R&TTE)
- 315,000 MHz / ESK 300C (FCC)
- 902,875 MHz / ESK 300U (FCC)

### Content:

- User Manual
- USB 300: USB transceiver/gateway
- PTM 2xx: Self-powered push button
- STM 33x: Self-powered temp. sensor
- ECO 200: Push button energy generator
- PTM 330: Push button radio module
- Housing examples<sup>1)</sup>
- DolphinView Basic<sup>2)</sup>



### Features:

- PC software DolphinView Basic visualizes and interprets EnOcean radio telegrams. It receives messages via USB 300, shows telegram content and interprets EnOcean Equipment Profiles (EEP).
- The push-button radio transmitter module PTM 2xx enables implementation of wireless remote controls without batteries. Key applications are wall-mounted flat rocker switches as well as handheld remote controls.
- ECO 200 is an energy converter for linear motion. In combination with PTM 330 radio module it enables miniaturized switches for multiple application areas.
- The solar powered sensor STM 33x enables wireless temperature sensors and room operating panels. It can be extended with a plug & play humidity sensor.
- USB 300 provides a bidirectional EnOcean radio gateway via USB to the PC. Radio messages will be sent and received via PC software DolphinView Basic.<sup>3)</sup>

1) Included plastic parts depend on local distribution.

2) Requires Microsoft Windows XP or Windows 7.

For advanced analysis and protocol debugging EnOcean Developer Kit EDK 350 is recommended.

Type	Ordering Code
ESK 300	S3004-E300
ESK 300C	S3034-E300
ESK 300U	S3054-E300

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