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\(^1\)
- DolphinView Basic\(^2\)

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.\(^3\)

1) Included plastic parts depend on local distribution.
2) Requires Microsoft Windows XP or Windows 7.
3) For advanced analysis and protocol debugging EnOcean Developer Kit EDK 350 is recommended.

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<th>Type</th>
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<td>ESK 300</td>
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<td>ESK 300C</td>
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