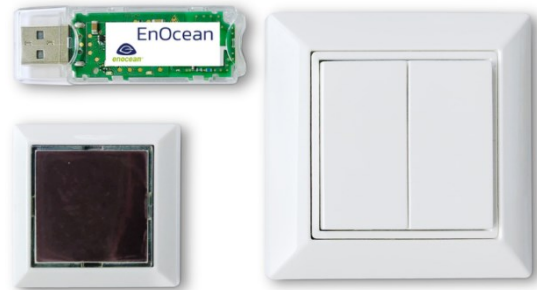# EASYFIT
by EnOcean

IoT Starter Kit (868 MHz)
EISKA

EISKA is an IoT starter kit containing the EnOcean kinetic powered switch PTM 210 with housing (EWSDA), the solar powered multisensor EMSIA and the USB gateway USB 300. The kit demonstrates easy integration of self-powered sensors into cloud services via Wi-Fi access points (e.g. Aruba).

Radio telegrams from the EWSDA switch and the EMSIA multisensor are received by USB 300 gateway and forwarded to the Wi-Fi access point which sends them to connected cloud services. Multiple cloud services for building automation, facility utilization and service calls can be supported with this approach.

Content:

- Installation Guide
- USB 300: USB Stick gateway
- EWSDA (PTM 210): Self-powered switch
- EMSIA: IoT Multisensor
- Windows 10 Demo Application (Download)

Key Features:

- Extend existing Wi-Fi acccess points with EnOcean radio capability
- Use existing IT infrastructure to capture sensor data
- Enable innovative cloud services based on maintenance free, self-powered sensors

TYPE	ORDERING CODE
EISKA (868 MHz)	**E3004-X550**

Technical Data

Radio Frequency / Data Rate	868.300 MHz / 125 kBit/s
Transmission Power	USB 300: max. +6.7 dBm (radiated) EWSDA: max. -2.1 dBm (radiated) EMSIA: max. +5 dBm (radiated)
Transmission Range (for guidance only)	typ. 200 m free field / 20-30 m indoor
EEP Profiles	EWSDA: F6-04-xx (default) EMSIA: D2-14-41 (default)
Power Supply	USB 300: 5V USB port EWSDA: button push / kinetic energy EMISA: integrated solar cell
Radio Certifications	CE / RED