



Miele@home
Operational Description for
EK037
USA/CDN Market
Version 1.1

Operational Description	Version: 1.1	Miele ELECTRONIC
EK037 WiFi Module	Date: 16/09/2016	

Revision History


Date	Version	Description	Author	Department
20.06.2016	1.0	Initial manual for FCC/IC	F. Laube	GTE/DPS
16.09.2016	1.1	No Ad Hoc Mode	L. Merkel	GTE/DPS

Reviewed By

Date	Version	Name	Department
09.09.2015	1.0 Draft	G. Borgelt	GTE/TL
16.09.2016	1.1	G. Borgelt	GTE/TL

Approvals

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Operational Description	Version: 1.1	
EK037 WiFi Module	Date: 16/09/2016	

Operational Description

The EK037 is a wireless network interface module for Miele domestic appliances like hoods, hobs, cooling devices or washing machines. The module supports the IEEE 802.11 b/g/n Wifi standard. The EK037 module is designed to solder on PCB during manufacturing. The Module will only be used in Miele domestic appliances.

The EK037 is based on CC3200 WiFi SOC Controller and has a board design in stamp form factor. The Chip controls the IEEE 802.11 RF and handles the WiFi and IP stack. The Chip also handles the connection to the domestic appliance via a serial link and Miele protocol.

The EK037 works only with Accesspoint mode and Station mode, the Ad Hoc mode is not supported.