



### MK100

MK100 is a smart home device that turns your typical electrical device into a smart, controllable, and multi-functional device. MK100 has standard MOKO firmware which can connect to customer cloud platform.

#### Features

- Built in Tuya WiFi module, Tuya IOT solution, remote control appliance power ON/OFF on APP
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  2. Support standard MQTT servers, AWS IOT, Azure IOT HUB, Azure IOT
  3. Support API for APP and cloud server developing
  4. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware
- Support customized hardware with Zigbee, Z-wave, Bluetooth and other wireless type

#### Parameters

Model	MK100
Wireless Type	WiFi
Input Voltage	100-240V AC 50/60Hz
Maximum Load	15A
Operating temperature	0 °C~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	US
Dimension	66*40*40mm
Certification	CE/UL/FCC/RoHS



### MK102

MK102 is a smart home device that turns your typical electrical device into a smart, controllable, and multi-functional device. MK102 has standard MOKO firmware which can connect to customer cloud platform.

#### Features

- Built in ESP-12F module, support WiFi communication
- Remote control appliance power ON/OFF on APP
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  2. Support standard MQTT servers, AWS IOT, Azure IOT HUB, Aliyun IOT
  3. Support API for APP and cloud server developing
  4. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware
- Support customized hardware with Zigbee, Z-wave, Bluetooth and other wireless type

#### Parameters

Model	MK102
Wireless Type	WiFi
Input Voltage	100-240V AC 50/60Hz
Maximum Load	10A
Operating temperature	0 °C~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	US/EU/UK/AU/FR
Dimension	110 x 62 x 67 mm
Certification	CE/ETL/FCC/RoHS



### MK112

MK112 is a smart home device that turns your typical electrical device into a smart, controllable, and multi-functional device. Compared to MOKO MK102, MK112 measure the instantaneous and accumulative energy consumption of the connected devices.

#### Features

- Built in ESP-12F module, support WiFi communication
- Remote control appliance power ON/OFF on APP
- Keep track of real-time power consumption
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  2. Support standard MQTT servers, AWS IOT, Azure IOT HUB, Aliyun IOT
  3. Support API for APP and cloud server developing
  4. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware
- Support customized hardware with Zigbee, Z-wave, Bluetooth and other wireless type

#### Parameters

Model	MK112
Wireless Type	WiFi
Input Voltage	100-240V AC 50/60Hz
Maximum Load	10A
Operating temperature	0 °C ~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	US/EU/UK/AU/FR
Dimension	110 x 62 x 67 mm
Certification	CE/ETL/FCC/RoHS



### MK114

MK114 is a smart home device that turns your typical electrical device into a smart, controllable, and multi-functional device. Compared to MOKO MK112, MK114 has a high-level active power measuring accuracy.

#### Features

- Built in ESP32 module
- Remote control appliance power ON/OFF on APP
- Measures active power consumption
- Active power measuring accuracy is  $\pm 0.5\%$  for loads greater than 5W
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  2. Support standard MQTT servers, AWS IOT, Azure IOT HUB, Aliyun IOT
  3. Support API for APP and cloud server developing
  4. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware
- Support customized hardware with Zigbee, Z-wave, Bluetooth and other wireless type

#### Parameters

Model	MK114
Wireless Type	WiFi
Input Voltage	100-240V AC 50/60Hz
Maximum Load	16A
Operating temperature	0 °C ~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	US/EU/UK/AU/FR
Dimension	110 x 62 x 67 mm
Certification	CE/ETL/FCC/RoHS



### MK114B

MK114B is a smart home device that turns your typical electrical device into a smart, controllable, and multi-functional device. MK114B is MOKO MK114 series product, it has the same size and same enclosure with our MK114 smart plug, the biggest difference is the wireless communication way.

#### Features

- Built in MOKO BLE module, support BLE communication
- Remote control appliance power ON/OFF on APP
- Active power measuring accuracy is  $\pm 0.5\%$  for loads greater than 5W
- Detects if electrical device is connected to it
- Measures active power consumption
- Measures energy consumption
- Built in MOKO standard firmware
  1. Support Bluetooth 4.2
  2. Support API for APP developing
  3. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware
- Support customized hardware with Zigbee, Z-wave, Bluetooth and other wireless type

#### Parameters

Model	MK114B
Bluetooth	Bluetooth 4.2
Bluetooth Chip	NRF52832
Input Voltage	100-240V AC 50/60Hz
Maximum Load	16A
Operating temperature	0 °C~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	US/EU/UK/AU/FR
Dimension	110 x 62 x 67 mm
Certification	CE/ETL/FCC/RoHS



### MK115

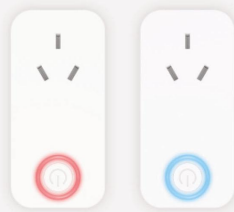
MK115 is a smart home device that turns your typical electrical device into a smart, controllable, and multi-functional device. MK115 has a small, compact enclosure, and also easy for installation.

#### Features

- Built in ESP32 module
- Remote control appliance power ON/OFF on APP
- Measures active power consumption
- Active power measuring accuracy is  $\pm 0.5\%$  for loads greater than 5W
- Indicates state and consumption using multicolor LED ring
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  2. Support standard MQTT servers, AWS IOT, Azure IOT HUB, Aliyun IOT
  3. Support API for APP and cloud server developing
  4. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware
- Support customized hardware with Zigbee, Z-wave, Bluetooth and other wireless type

#### Parameters

Model	MK115
Wireless Type	WiFi
Input Voltage	100-240V AC 50/60Hz
Maximum Load	10A
Operating temperature	0 °C~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	EU/FR
Dimension	51.5 x 51.5 x 67 mm
Certification	CE



### MK116

MK116 is a smart home device that turns your typical electrical device into a smart, controllable, and multi-functional device. MK116 has a small, compact enclosure, and also easy for installation.

#### Features

- Built in ESP32 module
- Remote control appliance power ON/OFF on APP
- Measures active power consumption
- Active power measuring accuracy is  $\pm 0.5\%$  for loads greater than 5W
- Indicates state and consumption using multicolor LED ring
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  2. Support standard MQTT servers, AWS IOT, Azure IOT HUB, Aliyun IOT
  3. Support API for APP and cloud server developing
  4. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware
- Support customized hardware with Zigbee, Z-wave, Bluetooth and other wireless type

#### Parameters

Model	MK116
Wireless Type	WiFi
Input Voltage	100-240V AC 50/60Hz
Maximum Load	10A
Operating temperature	0 °C ~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	AU
Dimension	90 x 43.5 x 38.8 mm
Certification	SAA/RCM



### WS001

WS001 can easily control your lights and household electronic devices via mobile app on your IOS or Android devices, no matter where you are. No hub or subscription required.

#### Features

- Applicable to common lamps, such as incandescent, fluorescent lamps, led lamps and so on.
- Built in standard ESP-12F module, support WiFi communication
- Can work with MOKO MokolifeX APP
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  2. Support standard MQTT servers, AWS IOT, Azure IOT HUB, Aliyun IOT
  3. Support API for APP and cloud server developing
  4. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware

#### Parameters

Model	WS001
Wireless Type	WiFi
Input Voltage	100-240V AC 50/60Hz
Load Power	Incandescent Lamp: 100W Fluorescent Lamp: 400W
Operating temperature	0 °C ~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	20%~80%, Non-condensing
Plug type	EU(1/2/3 gang)
Dimension	3.4x3.4x1.38 in
Certification	CE/RoHS



## MK110

MK110 is a Bluetooth gateway(or Bluetooth probe) integrating WiFi and Bluetooth wireless communication, MK110 can scan BLE Beacon data and then upload data to cloud server through WiFi, so as to realize environmental monitoring and indoor positioning. MK100 is MOKO MK100 serious product, it has the same size and same enclosure with our MK100 smart plug.

### Features

- Built in ESP32 module, support BLE&WiFi communication
- Max scanning distance 130m (Open area)
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  - 2.Support standard MQTT servers, AWS IOT ,Azure IOT HUB ,Aliyun IOT
  3. Support API for APP and cloud server developing
  4. Can work with BLE Beacon
  5. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware

### Parameters

Model	MK110
Bluetooth	Bluetooth 4.2
Network	WiFi IEEE 802.11b/g/n
Input Voltage	100-240V AC 50/60Hz
Maximum Load	15A
Operating temperature	0 °C~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	US
Dimension	66*40*40mm
Certification	UL/FCC



## MK103

MK103 is a Bluetooth gateway(or Bluetooth probe) integrating WiFi and Bluetooth wireless communication, MK103 can scan BLE Beacon data and then upload data to cloud server through WiFi, so as to realize environmental monitoring and indoor positioning.

### Features

- Built in ESP32 module, support BLE&WiFi communication
- Max scanning distance 130m (Open area)
- Built in MOKO standard firmware
  1. Support standard MQTT V3.1.1 protocol and TLS V1.2 transport layer encryption protocol
  2. Support standard MQTT servers, AWS IOT,Azure IOT HUB ,Aliyun IOT
  3. Support API for APP and cloud server developing
  4. Can work with BLE Beacon
  5. Firmware update Over The Air (OTA)
- Schematic diagrams are available for customers to develop firmware.

### Parameters

Model	MK103
Bluetooth	Bluetooth 4.2
Network	WiFi IEEE 802.11b/g/n
Input Voltage	100-240V AC 50/60Hz
Operating temperature	0 °C~ 40 °C ( 32°F ~ 104°F )
Operating Humidity	10%~90%, Non-condensing
Plug type	US/EU/UK/AU/FR
Dimension	110 x 62 x 67 mm
Certification	CE/ETL/FCC/RoHS