

## 1. Product Introduction

This is a set of smart security kits specially designed and developed for apartments and hotels, including gateways, smoke sensors, door locks, water sensors, motion sensors, Entry sensors, Keypad, Glass breakers, Cameras, and Thermostats ,The smart hub connecting sub-devices through zigbee3.0, and connecting cloud servers through WiFi or 4G.

## 2. Mechanical and Materials



Item	Part	Material	Finishing
1	Top casing	ABS	Mat and High glossy
2	Bottom casing	ABS	Mat
3	Light cap	PC	
4	Screw	stainless steel/Black nickel	Mat
5	Mat	Silica gel	Mat

## 3. Product Spec

Category	Specifications
Wireless Protocol	LTE Cat M1, Wi-Fi, ZigBee

MCU	MTK7620A
ZigBee	ZigBee3.0, 256kB, 32kB, Silicon Labs EFR32MG1B232F256GM32-C0 Range: 100 meters minimum, open filed
LTE CAT M	BG96MC LTE FDD:B2/B4/B12/B13
Sim-card	Emnify; Operator: AT&T, Verizon
WIFI	WIFI2.4G, IEEE 802.11b/g/n, Support 2*2 MIMO MT7620 Highest Transmission Rate: 300Mbps
RAM	DDR 128M
Nor Flash	64MB
Power Adapter	Input:100V~240V AC/50~60HZ ;Output: DC 5V/2A
Flash	W25Q128FVSI, SOIC-208mil-8pin,WINBOND, 128Mb
Led Indicators	Green, Yellow, Red
Buttons	Reset
Warranty	2 year
Working Tep	0 ~ 50
Storage Tep.	-10 ~ 70

#### 4. QSG

- 1) Connect the power adaptor with power cable and plug the device end into the device power port. Plug the power end of the adaptor into the determined electrical outlet of the installation location and make sure the power indicator light on the device is lit green.
- 2) Log in and use the Arize Installer App on the installer tablet to confirm the community name and unit number of installation. Tap on the smart hub icon to start the installation, follow instructions on the app to finish the installation.
- 3) After finishing the in-app signal test, double-check on the device indicator lights to make sure that the installation is complete. The **power indicator** light should lit **GREEN** and the **Zigbee and network indicator** lights should **NOT** lit up.

- 4) Place the smart hub on a flat, stable surface with the indicator light facing up.

## **FCC STATEMENT**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

## **FCC Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.