



**Mercku, Inc.**  
3600 Steeles Avenue East, Suite C108B, Markham, Ontario, L3R 9Z7, Canada  
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**Mercku Europe GmbH**  
Akazienstr. 3A, 10823 Berlin, Germany

# Authentication

## FCC Compliance Statement

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

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
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note:

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 or more of the following measures:

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## IC Compliance Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- (1) Cet dispositif ne peut causer des interférences; et
- (2) Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

The device is restricted to indoor use only when operating in the 5150 to 5250 MHz frequency range.

## RoHS Compliance Statement

This device complies with the RoHS2.0 Directive (2011/65/EU) of the European Parliament and Amendments Commission Delegated Directive (EU) 2015/863.

## EU Declaration of Conformity

The device supports WIFI, 4G and 5G NR functions. It is in conformity with the relevant union harmonization legislation: Radio Equipment Directive: 2014/53/EU.

For the full RED DoC file, Please download it as follow web: <https://www.mercku.com/download>

### RF exposure

This equipment complies with CE radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

### Safety Information

Keep the device away from water, fire, humidity or hot environments.

- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged chargers or USB cables to charge the device.
- Do not use any other chargers than those recommended.
- Do not use the device where wireless devices are not allowed.

- Adapter shall be installed near the equipment and shall be easily accessible.
- Use only power supplies which are provided by the manufacturer and in the original packing of this product.

If you have any questions, please don't hesitate to contact us.

- For PLUGGABLE EQUIPMENT, the socket-outlet shall be installed near the equipment and shall be easily accessible.

### Frequency bands and power

European Union

The devices operate in the following frequency bands within the EU:

Wifi2.4G with 2412-2472MHz

Wifi 5G with 5150MHz-5250MHz Band

Wifi 5G with 5250MHz-5350MHz Band

Wifi 5G with 5470MHz-5745MHz Band

Wifi 5G with 5725MHz-5850MHz Band

LTE Band 1: Tx: 1920~1980MHz/ Rx: 2110~2170MHz

LTE Band 3: Tx: 1710~1785MHz/ Rx: 1805~1880MHz

LTE Band 7: Tx: 2500~2570MHz/ Rx: 2620~2690MHz

LTE Band 8: Tx: 880~915MHz/ Rx: 925~960MHz

LTE Band 20: Tx: 832~862MHz/ Rx: 791~821MHz

LTE Band 28: Tx: 703~748MHz/ Rx: 758~803MHz

LTE Band 32: Rx: 1452~1496MHz

LTE Band 38: Tx/Rx: 2570~2620MHz

LTE Band 40: Tx/Rx: 2300~2400MHz

LTE Band 42: Tx/Rx: 3400~3600MHz

LTE Band 43: Tx/Rx: 3600~3800MHz

NR Band n1: Tx: 1920~1980MHz/ Rx: 2110~2170MHz

NR Band n3: Tx: 1710~1785MHz/ Rx: 1805~1880MHz

NR Band n7: Tx: 2500~2570MHz/ Rx: 2620~2690MHz

NR Band n8: Tx: 880~915MHz/ Rx: 925~960MHz

NR Band n20: Tx: 832~862MHz/ Rx: 791~821MHz

NR Band n28: Tx: 703~748MHz/ Rx: 758~803MHz

NR Band n38: Tx/Rx: 2570~2620MHz

NR Band n40: Tx/Rx: 2300~2400MHz

NR Band n41: Tx/Rx: 2496~2690MHz

NR Band n77: Tx/Rx: 3300~4200MHz

NR Band n78: Tx/Rx: 3300~3800MHz

Max Transmit Power:

LTE Band 1: 23dBm

LTE Band 3: 23dBm

LTE Band 7: 23dBm

LTE Band 8: 23dBm

LTE Band 20: 23dBm

LTE Band 28: 23dBm

LTE Band 32: 23dBm

LTE Band 38: 23dBm

LTE Band 40: 23dBm

LTE Band 42: 23dBm

LTE Band 43: 23dBm

2.4G WiFi: 18.89 dBm

5G WiFi: 21.87 dBm

NR Band n1: 23dBm

NR Band n3: 23dBm

NR Band n7: 23dBm

NR Band n8: 23dBm

NR Band n20: 23dBm

NR Band n28: 23dBm

NR Band n38: 23dBm

NR Band n40: 23dBm

NR Band n41: 23dBm

NR Band n77: 23dBm

NR Band n78: 23dBm

### Explanation of the symbols on the product label

| Symbol                                                                              | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DC voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | RECYCLING<br>This product bears the selective sorting symbol for Waste from Electrical and Electronic Equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.<br>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment. |

### Regulatory Certification for Mercku 5G CPE X6

| Country                                                                                                                                                                                                                                                                                                                        | Certification Number                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom |    |
| Canada                                                                                                                                                                                                                                                                                                                         | IC ID: 23877-X6                                                                                                                                                                                                                                             |
| United States                                                                                                                                                                                                                                                                                                                  | FCC ID: 2APR4-X6                                                                                                                                                                                                                                            |