

## CN6209 Instruction of Motorcycle Dashboard

Product name : Motorcycle Dashboard (with Bluetooth & WIFI functions)

Brand : CTE TECH CORP.



Model name : 7in

Serial number : CN6209

Manufacturer : CTE TECH CORP.

No.1-7, Gongjian Rd., Cidu District,  
Keelung 20647, Taiwan, R.O.C

Telephone number : +886-2-2452-2431

Fax number : +886-2-2451-5384

### **1. Product description :**

Vehicle device for large-sized motorcycle and provides a status of vehicle.

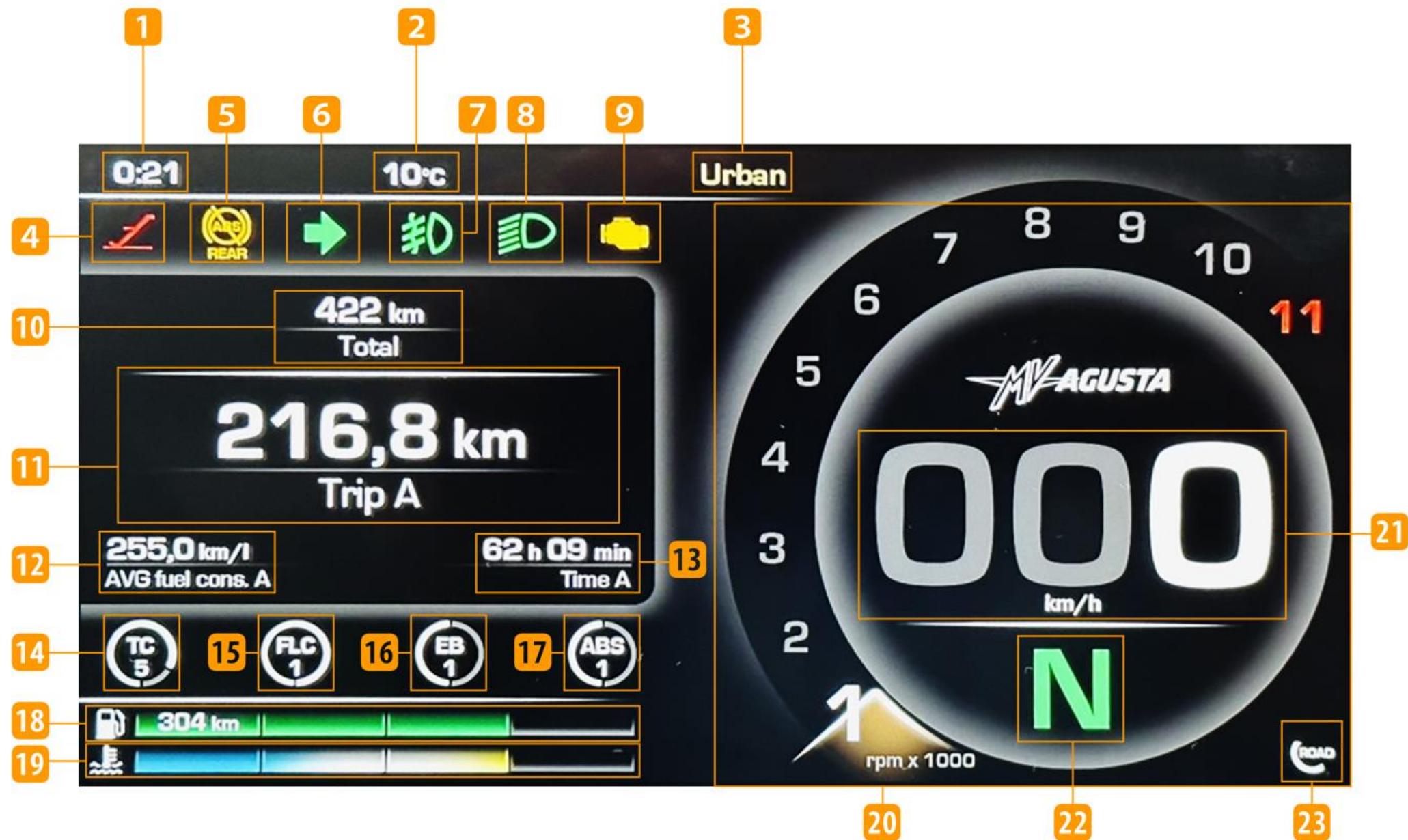
This motorcycle dashboard can display such as vehicle speed, fuel quantity, total mileage, short mileage, battery voltage, indicator light, time, gear position, remaining mileage, average speed, average fuel efficiency, time functions, etc.

## 2. Specification :

System specification

Description	Content
Size of main body	192*117*43 mm
Wired connection interface	20pin connection interface
Wireless connection interface	<ul style="list-style-type: none"><li>➤ Bluetooth (BLE 5.0)</li><li>➤ Bluetooth (BT 5.0)</li><li>➤ WiFi (WiFi 4.0)</li></ul>
RF Power	<ul style="list-style-type: none"><li>➤ BLE : Programmable RF transmit power from -19 to +2.2 dBm</li><li>➤ BT : Maximum RF Transmit Power 13.5 dBm</li><li>➤ WIFI : Tx Power : +19 dBm Rx Sensitivity : -98.5 dBm</li></ul>
Frequency Range	<ul style="list-style-type: none"><li>➤ BLE : 2402~2480MHz</li><li>➤ BT : 2402~2480MHz</li><li>➤ WIFI : 2412~2484MHz</li></ul>
Outer case material	AES+PMMA
Weight	520g
Operating Voltage	DC 8V~18V
Operating Current	200mA~2000mA
Quiescent Current (Key OFF)	0.2mA
Operating temperature	-30~+80°C
Storage temperature	-40~+90°C

3. Motorcycle dashboard screen is displayed as follows.



1	Clock	13	Accumulated Riding Time
2	Temperature	14	Traction Control System
3	Riding Mode	15	Front Lift Control
4	Motorcycle Stand	16	Engine Brake Control
5	Rear Antilock Brake System	17	Antilock Brake System
6	Turn Signal	18	Fuel Meter
7	Fog Light	19	Water Tank Temperature
8	Headlight	20	rpm (Revolution(s) Per Minute)
9	Obstacle Light	21	Speed (kilometer per hour)
10	Total Odo graph	22	Gear
11	Trip A Accumulated Mileage Display	23	Tire Pattern
12	Average Fuel Consumption		

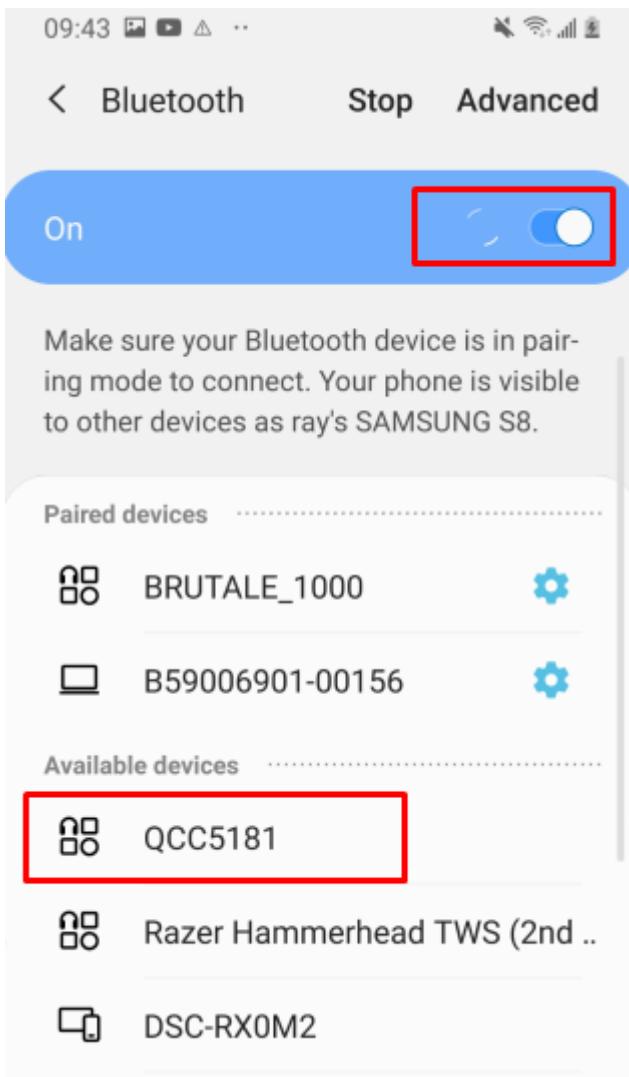
#### 4. Input/output interface characteristics :

<b>PIN</b>	<b>Description</b>	<b>Input /Output</b>	<b>Electrical characteristics</b>
1	CAN_H	Input /Output	CAN_H
2	CAN_L	Input /Output	CAN_L
3	USB_5V	Input	USB_5V
4	USB_DN	Input	USB_DN
5	USB_DP	Input	USB_DP
6	USB_ID	Input	USB_ID
7	GND		GND
8	ABS_12V	Output	Output 12V
9	AUX1_5V	Output	Output 5V
10			
11			
12			
13	BLE_UPDATE	Input	BLE_UPDATE
14			
15			
16			
17	BAT	Input	Battery power
18	IGN	Input	Key On/Off 13V, High will be ON, Low will be OFF
19	GND		GND
20	AUX2_5V	Output	Output 5V

## 5. Bluetooth connection :

### Step 1.

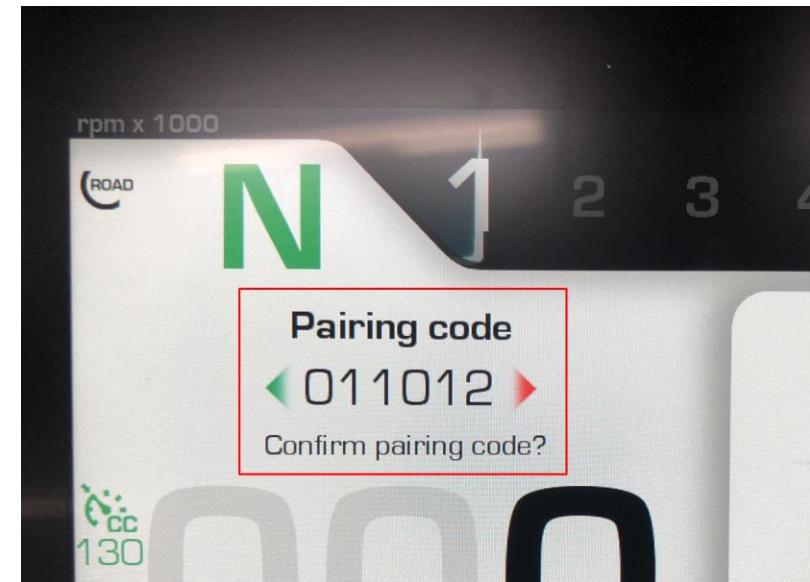
Go to mobile phone's settings page → select Bluetooth function → turn on Bluetooth function → find available devices → select QCC5181 for pairing.



### Step 2.

"Pairing code 011012 Confirm pairing code?" will be displayed on motorcycle dashboard.

Note: The Pairing code will be produced a different new 6-code every time when the motorcycle dashboard needs to pair a new device.

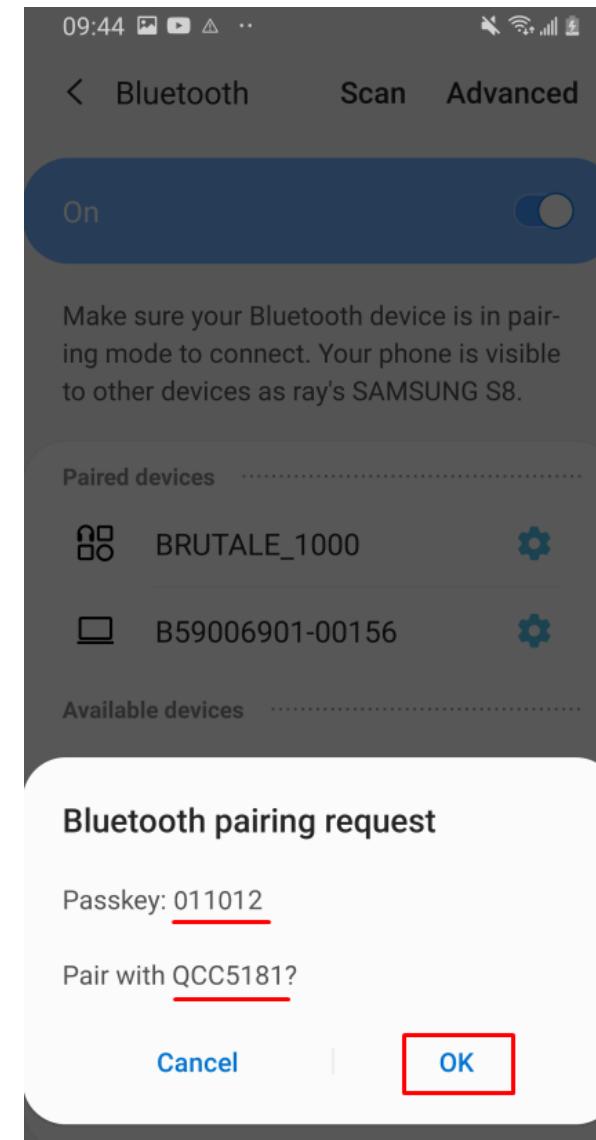


### Step 3.

The mobile phone screen will display the pairing request with the Bluetooth QCC5181, the password key 011012, which is the same as the pairing code 011012 displayed on the motorcycle dashboard, and then press OK.

Bluetooth connection established.

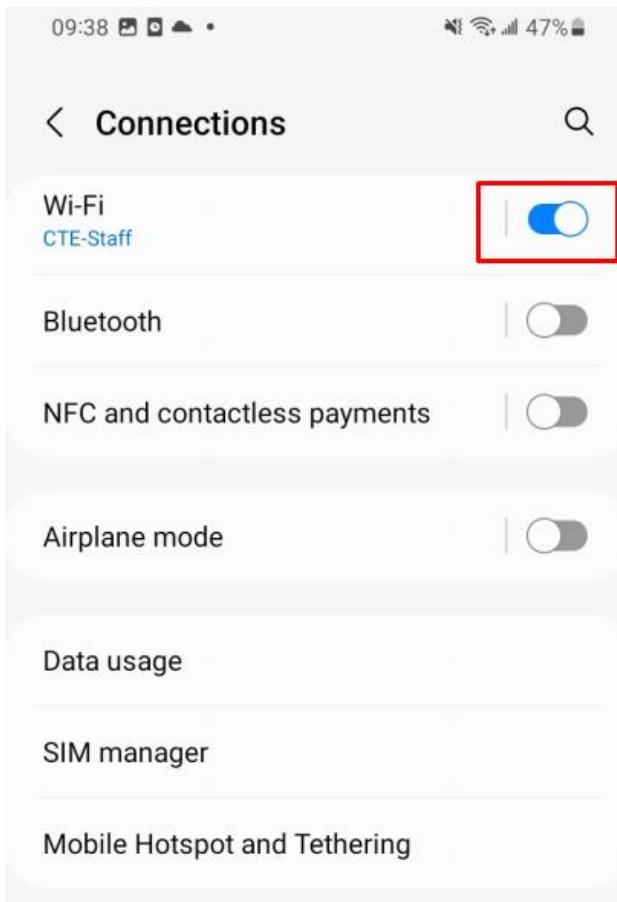
Note: The password key will be showed the new 6 random codes everytime when the motorcycle dashboard needs to pair a new device.



## 6. WIFI connection :

### Step 1.

Go to mobile phone's settings page → select connections →  
→ turn on WIFI function.



### Step 2.

Find available devices → select LXP WLAN for pairing.



### Step 3.

Key the WIFI password key 619898, the WIFI connection established.

## 7. E-Label display

### Step 1.

At main page long press handle's "OK" button to enter Info, update and reset page.



### Step 2.

At Info, update and reset page, short press handle's "OK" button to enter Certifications page.



### Step 3.

At Certifications page short press handle's "OK" button and then the E-Label will be shown.



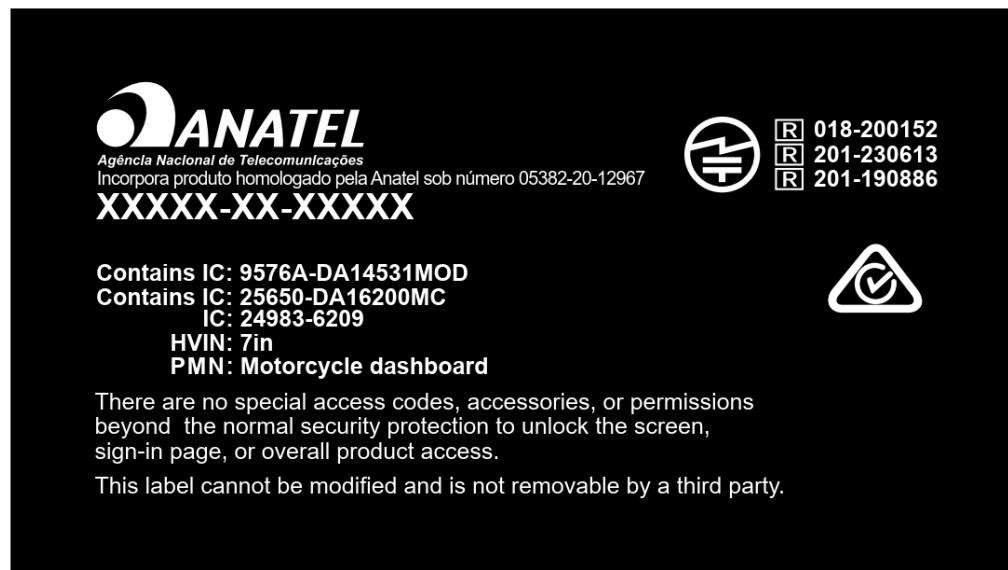
Contains IC ID: 9576A-DA14531MOD  
Contains IC ID: 25650-DA16200MC  
IC ID: 24983-6209

## 8. Label

### Physical printing label



### E-Label (shows on the motorcycle dashboard) :



Country	Mark
U.S	 Contains FCC ID: Y82-DA14531MOD Contains FCC ID: 2AU49-DA16200MC FCC ID: 2AS3E-6209
Canada	Contains IC ID: 9576A-DA14531MOD Contains IC ID: 25650-DA16200MC IC ID: 24983-6209
Europe	
Australia	
Taiwan	内含發射器模組  CCAG20LP0160T6  XXXXXXXXXX
Japan	 R 018-200152 R XXX-XXXXXX R 201-190886
Philippines	 NTC Type Accepted XXX-XXX-XXXXXXX
Thailand	X
India	X
Korea	 모델명 : XXXX 응모자 : CTE TECH CORP. 제조일 : XXXX 제조사 : CTE TECH CORP. 원산지 : XX R-C-cTe-XXXX R-R-Dlg-DA14531MOD R-C-fci-DA16200M-C4WA3

Brazil	 <p><b>ANATEL</b> Agência Nacional de Telecomunicações</p> <p>Incorpora produto homologado pela Anatel sob número 05382-20-12967</p> <p><b>XXXXXX-XX-XXXXXX</b></p>
China	<p>Model Name : 7in</p> <p>Applicant : 中国端子电业股份有限公司</p> <p>CMIIT ID : XXXXXXXXXXXX</p>
U.K	

## 9. WARNING

### FCC Statement:

(Section 15.105)

#### FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

(Section 15.21)

#### CAUTION:

Any changes or modifications not expressly approved by the grantee of this device

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

#### RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

## IC Statement:

### Canada, Industry Canada (IC) Notices

This device complies with 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.

### Canada, avis d'Industry Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Innovation, Science and Economic Development Canada radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions. (Antennas are greater than 20cm from a person's body).

### Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Innovation, Sciences et Développement économique Canada. Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a également été évalué et démontré conforme aux limites d'exposition aux RF d'IC dans des conditions d'exposition à des appareils mobiles (antennes sont supérieures à 20 cm à partir du corps d'une personne).

## NCC Statement

### Taiwan regulatory information(NCC) :

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

## KCC Statement:

EMC (KN 32/35) Class A device only

사용자 안내문
이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다.

※ 사용자 안내문은 “업무용 방송통신기자재”에만 적용한다.

## ANATEL Statement:

"Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados" (se aplicável);

"Para mais informações, consulte o site da Anatel: <https://www.gov.br/anatel/pt-br>"



เครื่องวิทยุคมนาคมนี้ ได้รับยกเว้น ไม่ต้องได้รับ  
ใบอนุญาตให้มี ใช้ซึ่งเครื่องวิทยุคมนาคม  
หรือตั้งสถานีวิทยุคมนาคมตามประกาศ กสทช.  
เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุ  
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**กสทช.** โทรคมนาคม  
กำกับดูแลเพื่อประชาชน  
Call Center 1200 ( โทรฟรี )