

CAN Comm Wireless Module

Version: 2.1

Revision History

2025.04.19 (1.0)
first edition



2025.05.26 (2.0)
1. Updated product models,
parameters, and product
introductions
2. Photo update in product
introduction



2025.06.26 (2.1)
1. Product parameter updated

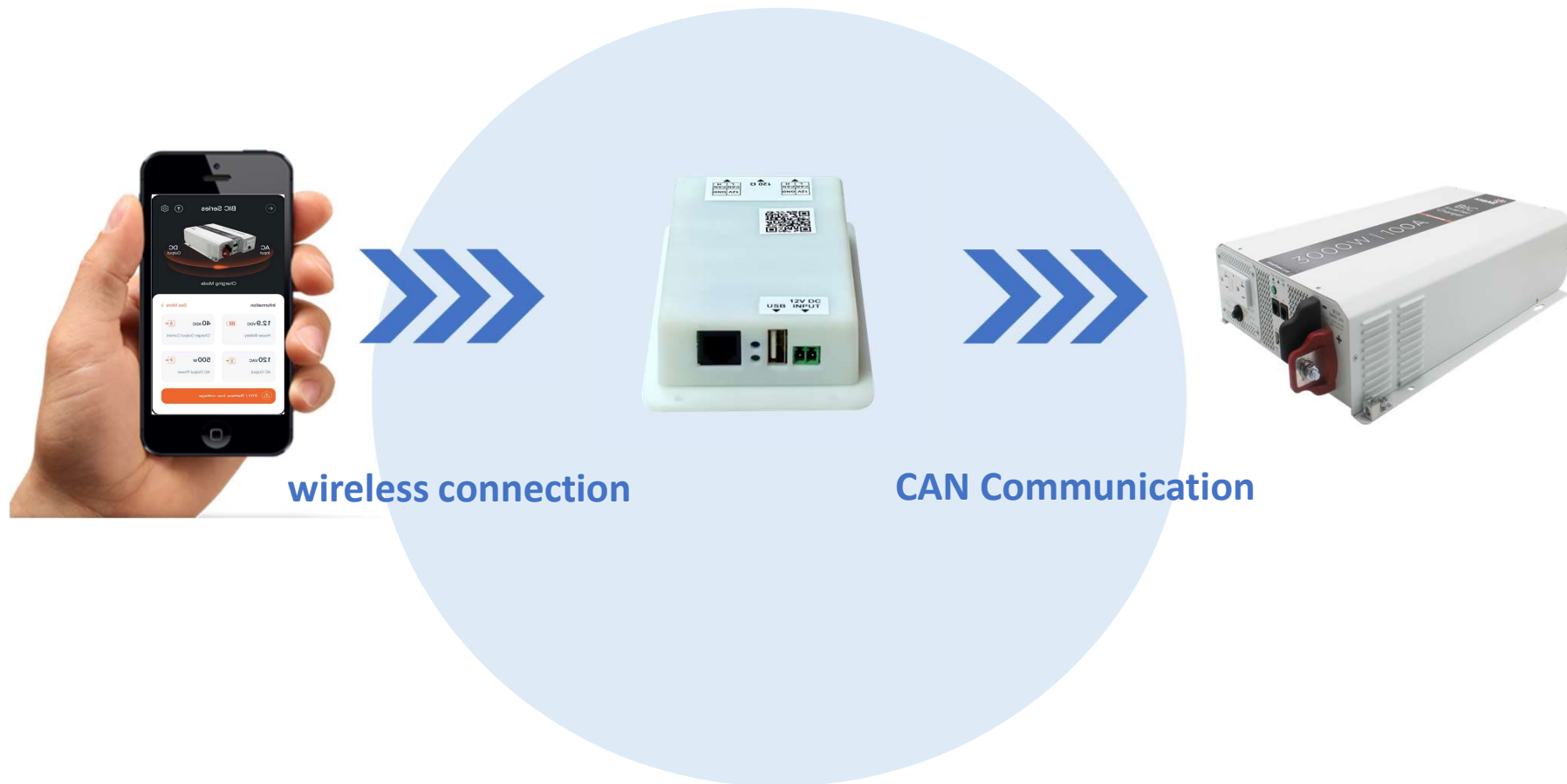
CAN Comm Wireless Module

Product Model:	KWCM01
Power Supply:	Powered by external inputs
Operating Voltage:	10~16Vdc
Operating Current:	60mA (MAX)
Static Power Consumption:	< 10uA
Transmission Interface:	CAN: 4Pin / Built-in wireless interface
Transmission Distance:	≤10m
Transmission speed and sensitivity:	1000kbps@CAN 10.5KB/S@wireless communication
Number of Device Connections:	Two devices can be connected to this module at the same time with CAN
Firmware upgrade method:	USB or OTA
Interface Definition:	4Pin: 1.CAN H; 2.CAN L; 3.GND; 4.+12V
Size Information:	Length, width and height: 129.6*75*27.5 (mm)
Working Environment:	0 to +65°C@operation temperature -20 to +70°C@Storage temperature
Accreditation Criteria:	FCC, CE-RED

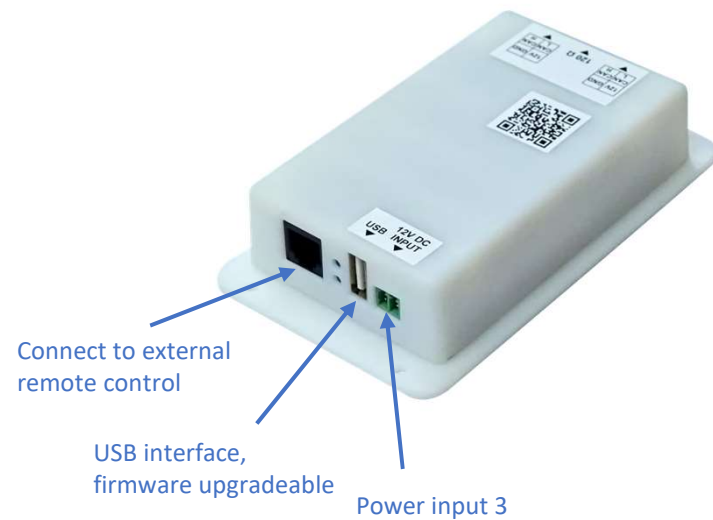
This product is a communication module that can convert products with CAN communication to wireless communication output and provide wireless connection with smartphone apps. You can achieve online viewing and application control functions on the APP. In addition, this module can also be connected to the Kisae Comm HUB via CAN.



User Guide



User Guide



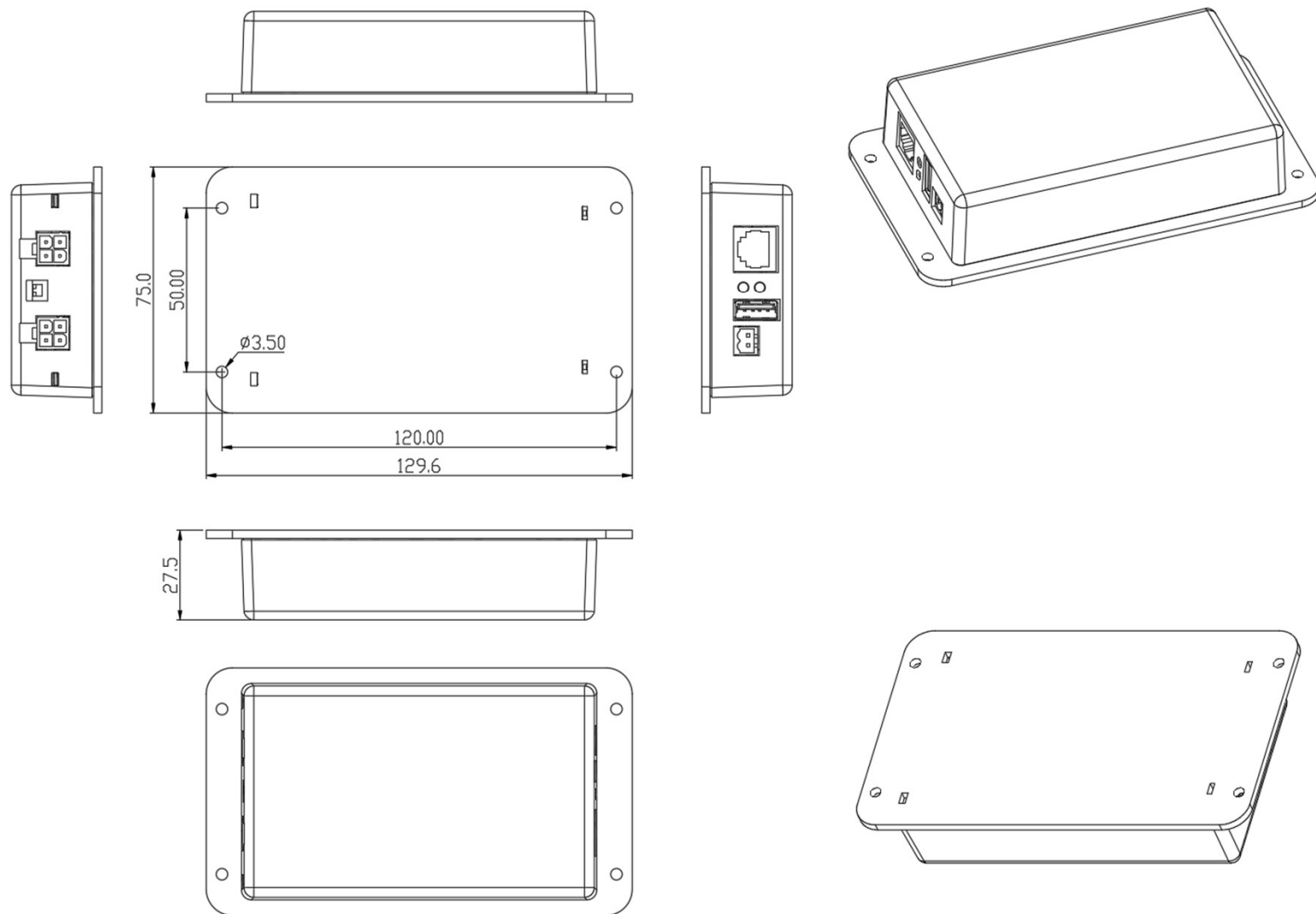
User Guide



The green LED indicator is solid when the module is powered on

Blue LED indicator, after connecting to the mobile phone, it flashes quickly 3 times every 1S; It flashes continuously when updating the firmware with USB, and stays on when the update is successful

Structural Drawings





Thank you

ISED Notice:

This device complies with Innovation, Science and Economic Development Canada's licence-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.

CAN ICES-3 (B)

Avis d'Innovation, Sciences et Développement

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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 le brouillage radio électrique subi même si le brouillage est susceptible d'en compromettre le fonctionnement. mauvais fonctionnement de l'appareil.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CAN NMB-3 (B)

RF Exposure**Radiation Exposure Statement:**

This equipment complies with Innovation, Science and Economic Development Canada's 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.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements Innovation, Sciences et Développement économique Canada établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

FCC COMPLIANCE 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.

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.

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment complied 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.