

CVRPCB

2024V1R1COV

Power Key: Press and hold for 3 seconds to power on; press and hold for 3 seconds to power off.

WIFI Key: Press once to enter the WIFI interface and switch WIFI modes; press again to exit the WIFI interface and enter video playback.

Adjust Screen Brightness Up Key: 5 brightness levels, press once to increase one level.

Adjust Screen Brightness Down Key: 5 brightness levels, press once to decrease one level.

Reset Key: Pressing the reset key will power off the device.

Button: Resel reset button

Indicator: None

Dimensions (W x H x D): 46.4mm (W) x 3.2mm (H) x 66.7mm (D)

PCBA Installation Instructions

1. Interface Description:

K1: Brightness adjustment

K2: Long press for power on/off, short press to turn on the display

K3: Brightness adjustment -

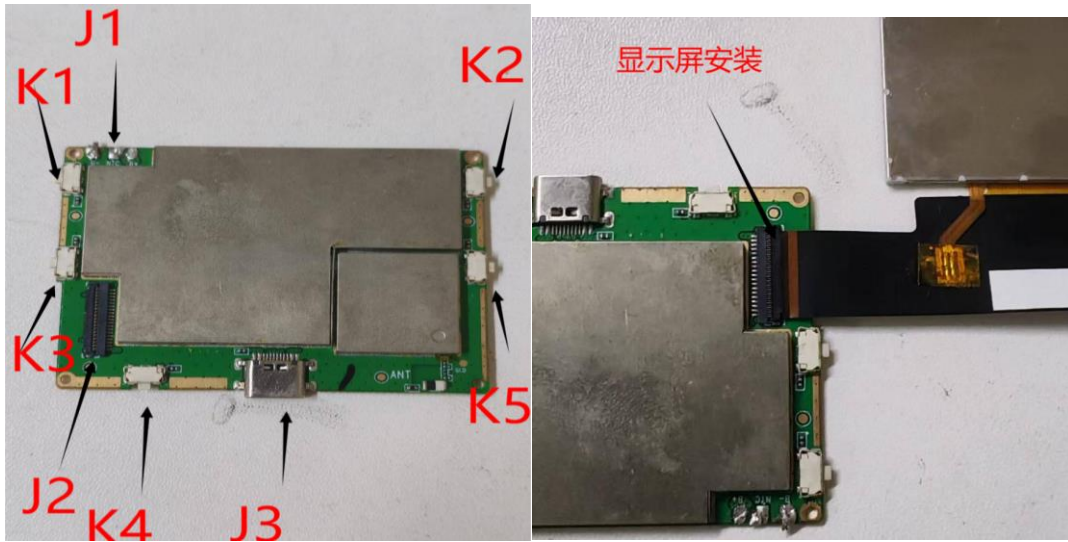
K4: Reset

K5: WIFI ON/OFF

J1: Connect to the battery

J2: Display connection

J3: TYPE C power supply or charging



2. The metal shield of this product is grounded. Avoid ESD damage during installation.
3. The PCBA antenna model is WAN3216F245C04 and must not be altered. The shield must not be opened.

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 the equipment.

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.

Specific Absorption Rate (SAR) information

SAR tests are conducted using standard operating positions accepted by the FCC with the CVRPCB transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the CVRPCB while operating can be well below the maximum value. Before a new model CVRPCB is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, tests for each CVRPCB are performed in positions and locations as required by the FCC.

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This device has been tested to comply FCC Specific Absorption Rate (SAR) compliance. The highest reported SAR level for usage near the Body(0mm) is 1.014 W/kg.

Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

Integration instructions for host product manufacturers according to KDB 996369 D03 OEM Manual v01

2.2 List of applicable FCC rules

This module has been tested for compliance to FCC Part 15.247.

2.3 Summarize the specific operational use conditions

The module is typically use in industrial, household and general office / ITE and audio & video, EV charging system end-products. The product must not be co-located or operating in conjunction with any other antenna or transmitters.

2.4 Limited module procedures

not applicable

2.5 Trace antenna designs

Not applicable.

2.6 RF exposure considerations

Specific Absorption Rate (SAR) information

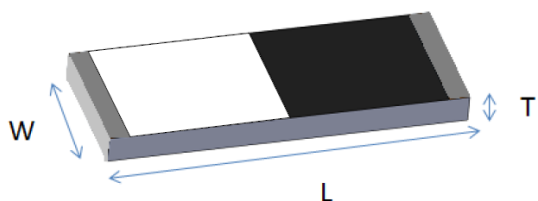
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2.7 Antennas

The following antennas have been certified for use with this module; antennas of the same type with equal or lower gain may also be used with this module. The antenna must be.



	Dimension (mm)
L	3.23 ± 0.20
W	1.66 ± 0.20
T	0.45 ± 0.20

	Efficiency	Peak Gain	Directivity
2400MHz	82.36%	1.69 dBi	2.53 dBi
2450MHz	85.65%	1.75 dBi	2.42 dBi
2500MHz	83.88%	1.71 dBi	2.47 dBi

2.8 Label and compliance information

The final end product must be labeled in a visible area with the following: “Contains FCC ID: **2BRRA-CVRPCB**”. The grantee's FCC ID can be used only when all FCC compliance requirements are met. 2.9 Information on test modes and additional testing requirements

This transmitter is tested in a standalone mobile RF exposure condition and any co-located or simultaneous transmission with other transmitter(s) or portable use will require a separate class II permissive change re-evaluation or new certification.

2.10 Additional testing, Part 15 Subpart B disclaimer

Host manufacturer is responsible for compliance of the host system with module installed with all other applicable requirements for the system such as Part 15 B.

IMPORTANT NOTE: In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

Manual Information To the End User

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user’s manual of the end product which integrates this module.

The end user manual shall include all required regulatory information/warning as show in this manual.

OEM/Host manufacturer responsibilities

OEM/Host manufacturers are ultimately responsible for the compliance of the Host and Module. The final product must be reassessed against all the essential requirements of the FCC rule such as FCC Part 15 Subpart B before it can be placed on the US market. This includes reassessing the transmitter module for compliance with the Radio and EMF essential requirements of the FCC rules. This module must not be incorporated into any other device or system without retesting for compliance as multi-radio and combined equipment