

## Federal Communication 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 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.

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

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

### Module Device

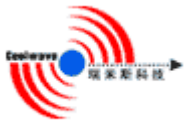
**This device is intended only for OEM integrators under the following conditions:**

OEM integrator is still responsible for testing their end product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.).

**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.

### Without Co-located

The antenna(s) used for this transmitter must not be co-located or operating in conjunction



with any other antenna or transmitter.

**Modular OEM Integrator Notice**

End Product Labeling

The final end product must be labeled in a visible area with the following: "Contains TX FCC ID: **BTQ170495**".

## **CWMDP01**

# **UART WIRELESS TRANSCEIVER MODULE**

### **一、 PRODUCT BRIEF**

CWMDP01 UART transparent wireless transceiver module is based on the chip of Semtech XE1201A , monophonic module, which operating frequency is 300 - 500MHz. This kind of module adopt the design of low transmission frequency , high Rx sensitivity, highly satisfies with European ETSI ( EN300-220-1 and EN301-439-3 ) and FCC 15.231(a), complies with the demand of wireless control , no need to apply for frequency using license.

Low consumption , Rx current 12MA

High integration

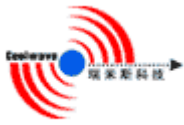
Switching time is short

No need to do second development

### **二. APPLICATIONS**

- RF security system
- Process control、 wireless sensing
- Vehicle door control
- keyless entry、 building control

### **三、 KEY PRODUCTS SPECIFICATION**



Item	CWMDP01
Frequency	433.92MHz
Voltage	5V
Sensitivity	-108dBm
Modulation	FSK
Speed	25kbps
Transmitting distance	20m
Tx current	16mA
Rx current	10mA
Operating humidity	10%~90% relative humidity, no condensation
Operating temperature	-20 ~60