IOT Coordinator RS-CDT

This product is a data signal transmission device in the IOT area, which is used to coordinate the network control within the area. It has the features of AD Hoc network, self-recovery from network disconnection, self-selection of optimal network path, self-rehabilitation from link failure, and supports hibernation and wake up. The product is made of aluminum alloy material, with waterproof and moisture-proof measures, so that it is suitable for the complex scene with harsh environment or strong interference, such as underground pipe gallery, tunnel, mine, factory, etc. Wireless transmission and AD Hoc network can flexibly add sensors and achieve project expansion.

Product parameters:

Frequency range: 2405-2480MHz

Working voltage: 24 V DC

Transmitted power: +20dBm

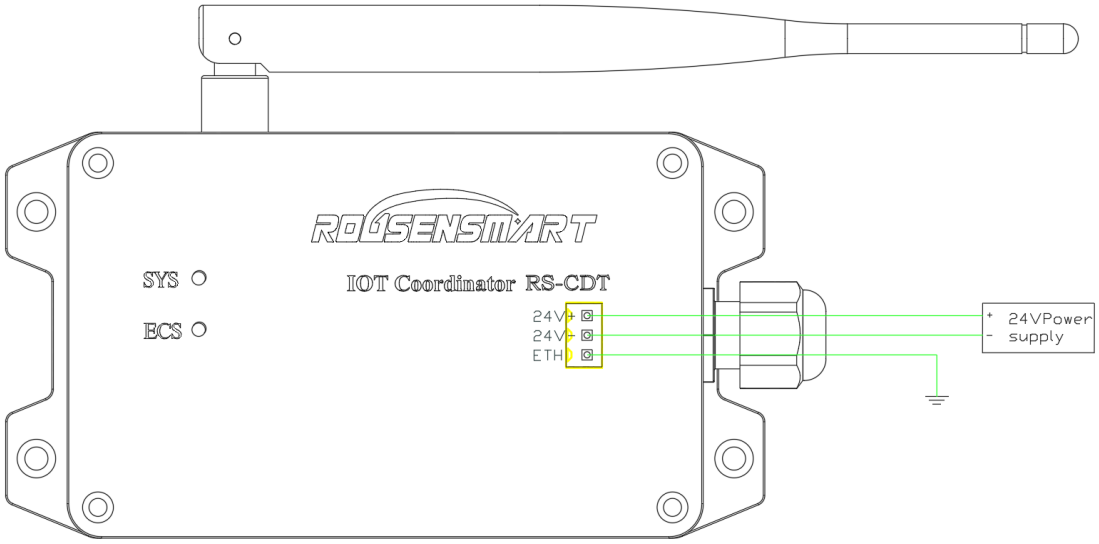
Receiving sensitivity: -103dBm

Transmission rate: 250kbps

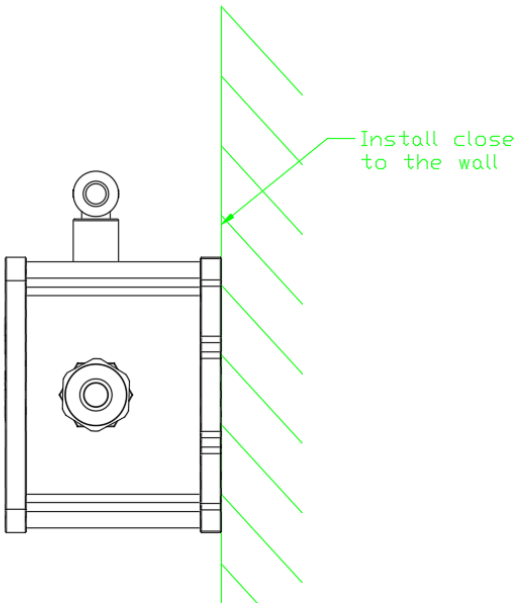
Antenna gain: 4.12dBi

Protection grade: IP66

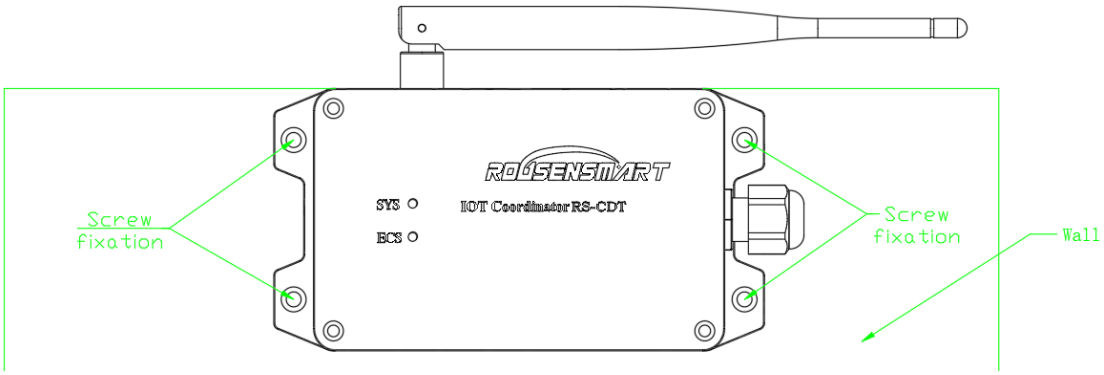
The connection mode is shown in the figure below:



The installation mode is as shown in the figure below:



During installation, first remove the PG connector, then attach the product to the wall, fix the four screws in turn, and finally reconnect the PG connector. When installing the sensor, choose a place with no obvious shielding, no corrosive liquid, and close to the sensor.



FCC WARNING

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.