



Nttworks SUD-100H Data Transceiver User Manual

[Home](#) » [Nttworks](#) » Nttworks SUD-100H Data Transceiver User Manual 

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Contents

- [1 Specifications](#)
- [2 Summary](#)
- [3 How to Use](#)
- [4 Documents / Resources](#)
- [5 Related Posts](#)

Specifications

Model	SUD-100H
Frequency	433.42MHz
Rx Sensitivity	-115dBm
RF Power	Below 10mW
Modulation	FSK
Power	5Vdc
Size	17(W) * 60(L) * 38(H)
Weight	24g
Operating Temperature	0 ~ 50°C
Relative Humidity	0 ~ 80%

Summary

The device is RF transceiver that is able to receive and transmit RF signal. It communicates with the device via RS232 communication. The received RF data is forwarded and delivered transmission command from the equipment will be conducted.

How to Use

Connect the connector of this device and the connector of the equipment. RF data is transmitted and received through the designated protocol.

Product SUD-100H



FCC FCC Information

This device complies with part 15 of the FCC Results. Operation is subject to the following two conditions:

- (1) This Device may not cause harmful interface, 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 CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment 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 correct the Interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment Into an outlet on a circuit different from that to which receiver Is connected.
4. Consult the dealer or experienced radio/TV technician for help.



WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION: Exposure to Radio Frequency Radiation.

Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.

IMPORTANT NOTE:

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Documents / Resources

SUD-100H (Data Transceiver)

Specifications	
Model	SUD-100H
Frequency	433.92 MHz
Power	100mW
Modulation	FSK
Range	>1000m
Antenna	3dB
Dimensions	100x50x20mm
Weight	10g


Features:

- The device is a RF transceiver that is able to receive and transmit RF signal at a frequency of 433.92 MHz.
- The device is a small and portable device that is easy to use.
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Notes:

- Please do not use the device in a hazardous environment.
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Model: SUD-100H



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SUD-100H Data Transceiver, SUD-100H, Data Transceiver, Transceiver