

Datasheet

Preliminary

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History

Version	Date	Note
Preliminary	2017-7-21	Preliminary Release

Notes:

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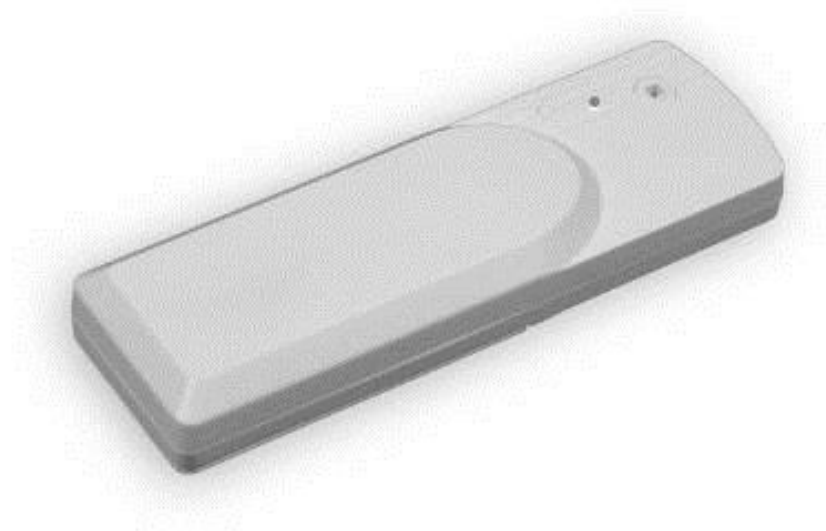


Fig.1 R711 Appearance

Introduction

Netvox R711, mainly used to detect the temperature and humidity of the indoor air, which through the wireless network communication module to collect the data sent to other devices displayed.

Main Features

- Compliance with the Lora protocol specification
- 2 x 1.5V AA batteries

Electric

Input power	2 x 1.5V AA batteries
operating voltage	2.3V~3.6VDC
Work mode(max)	1.8mA
Standby mode	12uA

Frequency

Frequency	410-525MHz 862-1020MHz
TX power	19dBm (max)

Wireless Temperature Humidity Sensor

Rx sensitivity	-121dBm (Frequency deviation=5kHz, Bit Rate=1.2kb/s)
Antenna type	Build-in antenna
Communication range	2km (line-of-sight)
Data transfer rate	1.2~300kbps
Spread technique	FSK/OOK

Physical

Dimension	L:112mm*W:34mm*H:17mm
Working Temp	-10°C — 50°C
Storage Temp	-40°C — 85°C
Temperature Detecting Range	-10°C — 50°C
Temperature Accuracy	+/-0.5°C @25°C
Humidity Detecting Range	5%RH---95%RH
Humidity Accuracy	+/-4.5%RH @25°C