

Datasheet

Rev. 0.2

Nov.23.2017

NETVOX TECHNOLOGY CO., LTD.

Add: No. 21-1 Sec. 1 Chung Hua West Road, Tainan, Taiwan

Tel: +886-6-2617641, 2654878

Fax: +886-6-2656120

<http://www.netvox.com.tw>

History

Version	Date	Note
0.1	2014-2-26	Initial Release
0.2	2017-11-23	Change H/T sensor to SHT-30

Notes:

Hardware version V8.0

Copyright©Netvox Technology Co., Ltd.

This document contains proprietary technical information which is the property of NETVOX Technology and is issued in strict confidential and shall not be disclosed to others parties in whole or in parts without written permission of NETVOX Technology.

The specifications are subjected to change without prior notice.



Figure 1 Z711 appearance

Introduction

Netvox Z711, a humidity/temperature sensor, acts as an end device in ZigBee network. It does not perform permit-join function as a coordinator or a router for other devices to join the network. The humidity/temperature data can be also sent to the ZigBee network center wireless.

Electric

Input power	2 x AA batteries (1.5V/section)
operating voltage	2.3V~3.6VDC
Sleeping current	1.5uA @3V
Work mode(max)	40mA/3V/120mW
Temperature Detecting RangeT	0°C~65°C
Temperature Accuracy	+/-0.5°C @25°C
Humidity Detecting Range	10%RH~90%RH
Humidity Accuracy	+/-4%RH @25°C

Frequency

Frequency	2.4~2.4835 GHz
Channel	16 ↑ (ISM11~26)
TX power	7dBm (max)

Wireless Temperature and Humidity Sensor Indoor Type

Rx sensitivity	-99dBm
Antenna type	Build-in antenna
Communication rang	150 m (line-of-sight)
Data transfer rate	250Kbps
Spread technique	DSSS (O-QPSK)

Physical

Dimension	L:112mm*W:34mm*H:17mm
Working Temp	-10°C ~ 50°C
Storage Temp	-40°C ~ 85°C