

RFR400 433MHz Router

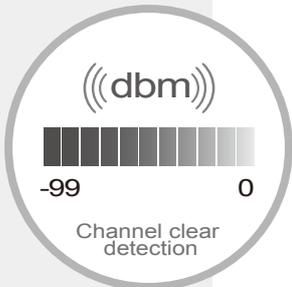
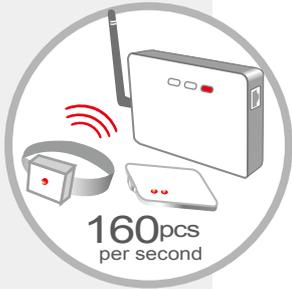
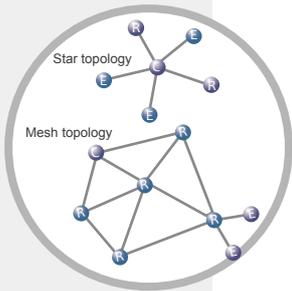


Introduction

RFR400 433MHz Router is an efficient and powerful data repeater suit for different applications. It supports both star and mesh topology that can significantly extend the coverage range. Besides, RFR400 have two mode of operation, one is auto-organized mode and the other self-assigned mode.

RFR400 is suitable for non-network environment to repeat the signal back to reader. It can be plug and play by setting auto-organized mode. There are failover and load balance functions to avoid failure or overload of single node.

RFR400 433MHz ((()))



Features

- Wireless configuration by reader
- Support Star and Mesh topology
- Alternative auto-organized and self-assigned mode
- Load balance function
- Plug and Play
- Programmable routing broadcasting period
- Data encryption function

Specification

Reader Communication Protocol

Operation frequency	433.92 MHz
Signal Strength	Default -30dbm
Range Control	Adjustable RSSI range (0 to -99dbm)
Modulation	GFSK

Read Range

Omni Angle Antenna	90m
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Physical Characteristics

Length	4.89"
Width	3.09"
Height	0.98"
Weight	110 g
Case	Aluminum + ABS

Environmental

Operation Temperature	-30°C to 70°C
Storage Temperature	-40°C to 80°C

LED Indicators

Power LED	Power on indicator
TX/RX LED	TX/RX indicator

Electrical

Power	5VDC, 50mA
Power Consumption	0.25W

Connectors

Antenna	SMA
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Regularity of Compliance

