

RSSR-1 Radio Signal Sniffer Receiver

Create Powerful Security Network



- Communication Path via F1 technology
- Excellent Receiver Sensitivity
- Easy Installation
- Backup Battery

The RSSR-1 Radio Signal Sniffer Receiver is a wireless signal transmitter/receiver designed to capture wireless RF signal in the air and report these signals to other alarm receivers with RF technology, such as the Base Unit (BUN-152) and the Repeater (RPN-99). The system is easy to install, as it does not require excessive cabling for setting up, which makes it more accessible and simple to apply for users.

RSSR-1 features excellent receiver sensitivity, adjustable receiving range, as well as easy-to-configure programming interface. In addition, it has several built-in I/O terminals that can be programmed to act on certain triggers.

RSSR-1 can communicate with repeater RPN-99 and base unit BUN-152 by RF technology. The Base Unit will then forward the signals to the computer via RS-232 connection. When elderly people press their RF pendants for help, RPN-99 receive the pendants' signals to the base unit, allowing relevant personnel to provide help on earliest convenience.

This easy-to-install system enables monitoring personnel in large care homes to quickly know the identities and locations of the seniors summoning for help.

Features

- Communication path via F1 technology
- Simple and straightforward installation
- Excellent receiver sensitivity with adjustable receiving range
- LED indicator for input connections and RF signal reception
- Auto Check-in Report according to designated interval time
- User-friendly interface for system configuration
- Simple and effortless wall-mounted installation
- Backup Battery

Specifications

RSSR-1

| | | |
|------------------------|---------------------------------------|---|
| Frequency | 869 MHz | 919 MHz |
| Radio frequency ranges | 869.41 ~ 869.61MHz | Group 1: 906.32 ~ 914.60 MHz, 24 channels Group 2: 906.44 ~ 914.72 MHz, 24 channels Group 3: 906.56 ~ 914.84 MHz, 24 channels |
| Power Source | 12V 1A DC adaptor | |
| Backup Batteries | 600mAh x 6 Ni-mh rechargeable battery | |
| Operating Temperature | -10°C to 45°C (14°F to 113°F) | |
| Operating Humidity | Up to 85% non-condensing | |
| Dimensions | 155mm x 105mm x 27.7mm | |

* Note: Actual battery life may vary with product settings, operating environment, and usage patterns.

RSSR-1 Radio Signal Sniffer Receiver

RPN-99

| Frequency | 869 MHz | 919 MHz |
|------------------------|-----------------------------|---|
| Radio frequency ranges | 869.41 ~ 869.61MHz | Group 1: 906.32 ~ 914.60 MHz, 24 channels Group 2: 906.44 ~ 914.72 MHz, 24 channels Group 3: 906.56 ~ 914.84 MHz, 24 channels |
| Power Source | 12V 1A DC adaptor | |
| Operating Temperature | 32° to 120° F (0° to 49° C) | |
| Operating Humidity | Up to 85% non-condensing | |
| Dimensions | 225mm x 146mm x 41.6mm | |

* Note: Actual battery life may vary with product settings, operating environment, and usage patterns.

BUN-152

| Frequency | 869 MHz | 919 MHz |
|------------------------|-----------------------------|---|
| Radio frequency ranges | 869.41 ~ 869.61MHz | Group 1: 906.32 ~ 914.60 MHz, 24 channels Group 2: 906.44 ~ 914.72 MHz, 24 channels Group 3: 906.56 ~ 914.84 MHz, 24 channels |
| Power Source | 12V 1A DC adaptor | |
| Operating Temperature | 32° to 120° F (0° to 49° C) | |
| Operating Humidity | Up to 85% non-condensing | |
| Dimensions | 225mm x 146mm x 41.6mm | |

* Note: Actual battery life may vary with product settings, operating environment, and usage patterns.

Ordering Information

| | |
|----------------|-------------------------------|
| RSSR-1 | Radio Signal Sniffer Receiver |
| RPN-99 | Repeater |
| BUN-152 | Base Unit |