



SRT3340200A06_PB_EN_STD

SRT334i2

Build your own positioning and communication system - for use in environments with limited communication possibilities.

Positioning and communication

SRT334i2 is used to build an infrastructure for positioning and telecommunication in environments where standard systems for these purposes do not work. In technical terms SRT334i2 is a portable RF equipment with support for duplex communication on the 2.4 GHz ISM band. It may be used for both positioning (RF tag) and routing (RF router) purposes, both of which are explained further below. The coverage area for the device can be adjusted for positioning and routing individually in order to best fit the local environment where it is installed. Radio operation frequencies can be customized so that multiple networks can be set up within the same area without interfering with each other.

RF tag

Each RF tag may be preprogrammed with fixed position information which is broadcasted to all compatible SRT alarm units within the transmission range. The information from the SRT334i2 is a custom string of text. The text string can also be formatted as a GPS coordinate which will make the alarm message sent from the alarm device look like regular alarm messages.

RF router

When the SRT334i2 functions as an RF router it forms a closed network together with other routers in order to relay information, like alarm events, to an end terminal. This way a network of RF routers can be used to cover an area lacking cellular coverage. In the event of an alarm a message is relayed through the network until it reaches

an intended receiver. The RF router network can also be used to return message delivery confirmations back to the original alarm source.

Compatibility

SRT334i2 works with all SRT products that support communication on the 2.4 GHz ISM band: SRT306i, SRT326i, SRT346 and SRT330i2.

Sabotage detection & heartbeat

SRT334i2 detects and reports tampering attempts, power outages and critical battery levels to any nearby alarm units. SRT334i2 can also be configured to regularly send heartbeat messages which allows it to be monitored for proper function.

- Easy installation
- Wireless configuration with IPS management equipment
- LED indicators for operational mode, communication status, power supply status and battery level
- Weight: 54 g
- Size: 20x40x80 mm

Electrical data

- Power Supply Requirement: 5 V – 500 mA
- RF tag power consumption: ~40 mA
- RF router power consumption: ~40 mA
- Charging power consumption: ~150 mA
- Backup battery capacity: 630 mAh
- Backup battery lifetime up to 8 hours

Learn more about SRT334i2 on our website, www.srt.se.