ST-4-WIFI

Wi-Fi Staff Tag

FEATURES:

- Leverages Wi-Fi networks to provide real-time location information.
- 2 x configurable buttons
- Built-in pull-duress alarm
- Audio/visual indicators for motion and battery charging status
- Includes wireless rechargeable battery
- Over-the-air upgrades
- Uses WPA2 to encrypt communication with system

DESCRIPTION:

The **ST-4-WIFI** is a tag that is designed for locating, communicating and providing security to personnel. These tags leverage existing Wi-Fi networks to work with GuardRFID® exciters and AllGuard® software to determine the tag location in real-time.

Each Wi-Fi Staff Tag has two configurable buttons and a built-in pull duress function that allows users to send alerts to the AllGuard system to help manage potentially hazardous situations. The tag can also receive alerts or acknowledgements from the AllGuard system and shows the notification through the indicator lights and/or sound on the tag.

The Wi-Fi Staff Tag is powered by an internal, wireless rechargeable battery. To help extend battery life, the tag includes an internal motion detector to automatically adjust the beacon rate and manage power consumption.

When you receive the tags, a tag activator may be needed to prompt each new tag to request configuration settings from the AllGuard server. Subsequent configurations and firmware updates occur over-the-air using the Wi-Fi network.

SPECIFICATIONS:

Product	ST-4-WIFI
Part Number	61-10402
Software Compatibility	AllGuard Server 6.5.0+
User Interfaces	2 x buttons (configurable), 2 x visual indicators, audio transducer, pull duress alarm trigger
Sensors	Motion Detection, LF Receiver, Accelerometer
Operating Modes	**SAP**: Standalone Access Point mode works with most Wi-Fi access points. *contact GuardRFID for a list of compatible access points **CCX**: Cisco Compatible Extension mode requires Cisco access points and supplementary equipment.
Wi-Fi Security	WPA2-PSK
Range	30 m (100 ft) max. in a typical indoor healthcare environment
Transmit Frequency	2.4GHz (802.11 b compliant)
Receive Frequency	2.4GHz (802.11 b compliant), 125kHz
Battery Life	Wireless recharging (6 hours for full charge) (Battery life is dependent on use case and configuration. The estimates below are based on typical usage for a Staff Duress solution.) • SAP mode — typical 1 month before recharge • CCX mode — typical 3 months before recharge
Beacon Interval	Active / inside exciter field: 12 seconds, configurable Static: configurable.
Dimensions	80 mm x 53 x 12 (3.1 in x 2.1 x 0.5)
Weight	46 g (1.6 oz)
Waterproof	Splashproof (designed to IP68)
Operating Temperature	-20°C to 50°C (-4° F to 122°F)
Humidity	0 – 100% RH
Regulatory	FCC, IC
Warranty	12 months

Guard RFID Solutions Inc. sales@guardRFID.com • 866.785.7343

02-00157-132

ST-4-WIFI

Accessories

REQUIRED WI-FI RTLS LICENSES:

Part Number: 62-50033

- 1-year Wi-Fi integration license for AllGuard software (annual)

Part Number: 62-40054

- 1-year Wi-Fi tag support license per tag (annual)

TAG ACTIVATOR:

Part Number: 61-20028

- For configuring the Wi-Fi tags
- Required for activating new Wi-Fi tags in a system

WI-FI TAG CHARGER:

Part Number: 61-14024

- For ST-4-WIFI tags
- Can charge up to 10 tags at a time
- Charge all tags within 6 hours
- 190.5 mm x 295.91 mm x 25 mm (7.50” x 11.65” x 0.98”)

Guard RFID Solutions Inc. sales@guardRFID.com • 866.785.7343