Fortecho FST433
User Manual

Document Reference: **FST433 Manual V1.1**

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1 Overview

The document provides the specification and installation detail for the Fortecho FST433 tag range, FST433 Is the tag type the FT-XXX describes the tag model :-

- FT-TGP

- FT-TGPS

- FT-TGAI

FT-XXX Usage

The FT-XXX Tag is a sealed Industrial tag that can be used for tagging indoor assets.
The tags are supplied with a either a plastic wallet or an adhesive pad allowing them to be adhered to flat surfaces.
Typical applications are for the security monitoring of artwork and high value assets.

Technical Specification

The FT-XXX tag range operate in the ISM, license free radio band and can be supplied from Fortecho as either 433MHZ or 868MHz devices.
These bands are not globally free and there are restrictions on their use in some regions please contact Fortecho or a representative to ensure compliance in your chosen region.

Contact Details

Fortecho can be contacted on the details below.

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Fitting Instructions

Requirements

- FT-XXX Tag
- Wallet or adhesive pad
- Dry Cloth

Installation

First ensure that the mounting surface is clean and free from debris, remove any dirt using the cloth.

Using either the wallet or the adhesive pad, adhere the tag to the asset.

The FT-XXX tag should not be installed at a height above 2m from the floor

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Maintenance

The FT-XXX Tag is a sealed unit and requires no maintenance during its life span.

Cleaning

The FT-XXX Tag   can be cleaned using water applied to a cloth.

Solvents and Oils should not be used for cleaning the FT-XXX Tag

End of Life

At the end of its functional life the tag must be disposed of in a suitable local recycling facility and in accordance with any local laws pertaining to the recycling of waste electronic equipment. The tag consists of an ABS plastic clip housing, electronic components and a lithium battery. The tag contains no substances banned by the European Union's Restriction of Hazardous Substances (RoHS) directive.

Environmental

The FT-XXX Tag   has an operational temperature range of -20 to +55 Degrees Celsius.

FCC Statement

This device complies with Part 15 of FCC Rules and standard(s).

Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for an Intentional radiator, pursuant to Part15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.