

FCC ID:2AEXTTAGS3V04V0; IC:21825-TAG3V04V0

Tag Operational description

Introduction:

The Tags are used to locate people or assets in a facility while they are attached or worn by the person/asset. The buttons are used to send a general message through the gateway to the system's dashboard and can be configured (for example: in nursing home this is used for as a nurse call device).

Specification:

The tags typically transmit periodically every 1 second and up to every 4 hours; the tag transmits over 911 - 921 MHz frequencies range.

Data rate is: 100kbps

Modulation is 4FSK

Gain up to -0.7dBi

Input voltage is 3V with standard lithium Ion battery

Temperatures supported by the electronic circuit are: -40 to +80

The data includes the Tag_Id and optionally a message of a push button, battery low or Tilt detection.

Tag V4.0: has Battery type CR2032 3V with two general purpose buttons may also include a tilt switch that helps reduce the usage of the battery

Tag V3.0: Battery type CR1220 3V with one general purpose button