Wireless Sensor Application manual

Murata Manufacturing Co., Ltd.
Document Version: 0.1

Index

Revision History
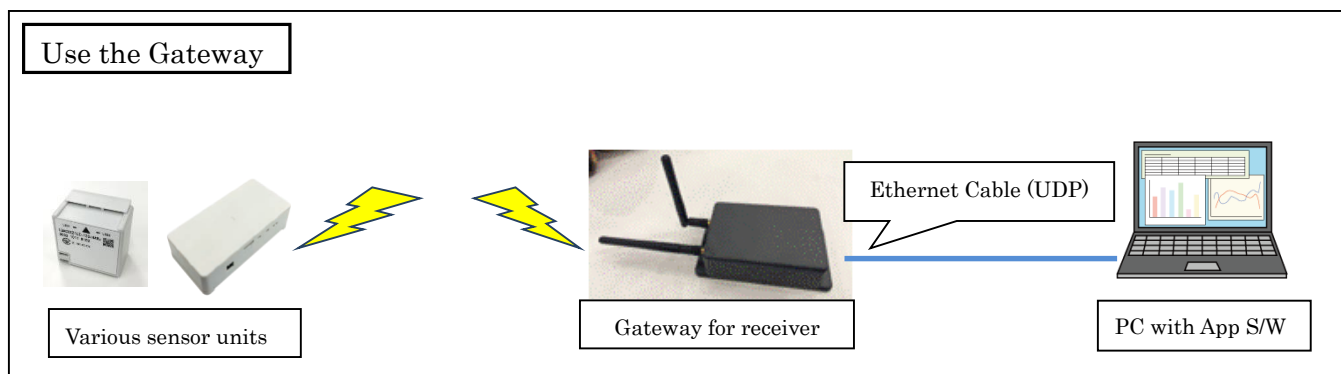
Date	Version	Change History
2018/8/31	0.1	Initial version

1. Introduction

This document explains how to operate application software that monitors data from various sensor units manufactured by muRata.

1.1. The system overview

The basic system overview of the sensor units and sensor application is as shown in the figure below.

1.2. Recommended operating environment

The recommended operating environment for running this software is described below.

Figure.1　Recommended operating environment

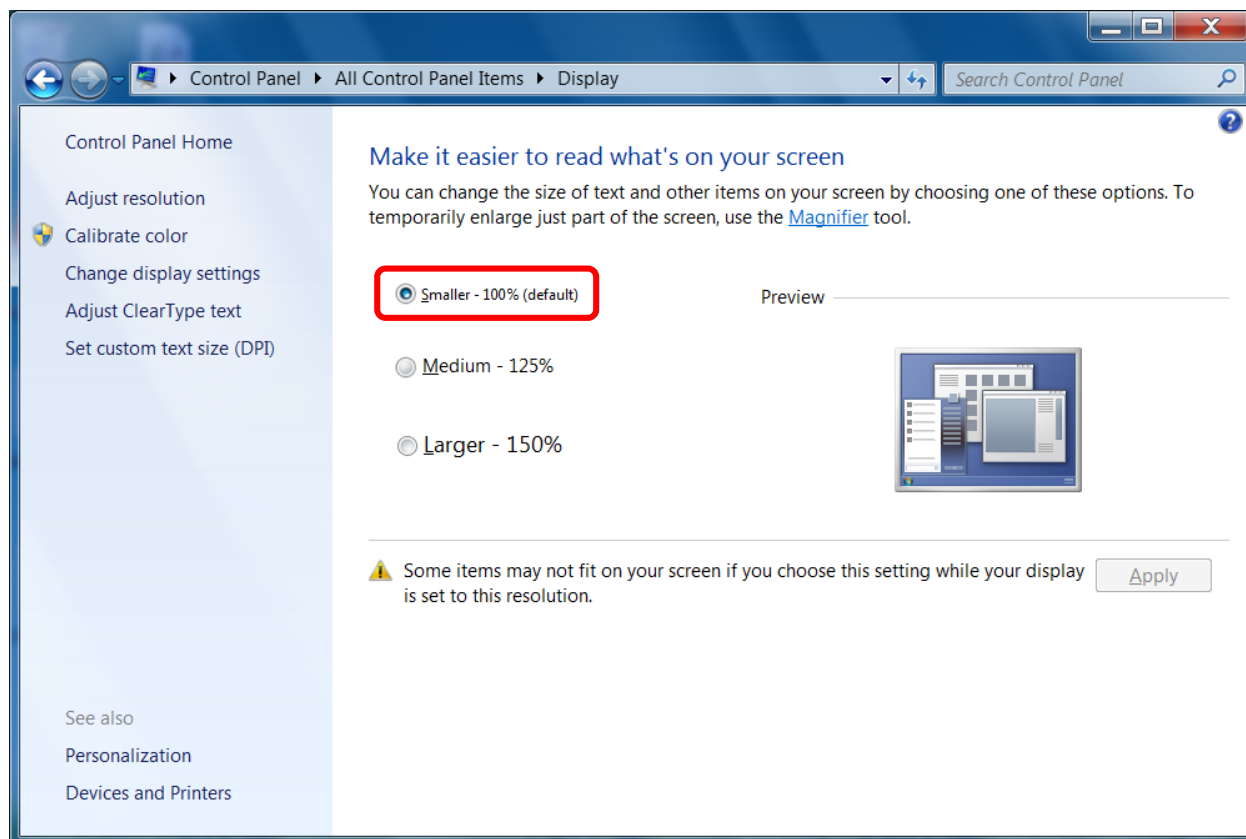| item	Details
OS	Windows7 Professional(32bit)
CPU	More than Intel Core i5 equivalent
memory	More than 4GB
Screen resolution	More than 1024×768
Windows font size	96DPI

1.3. Windows font size change

If the windows font size is not set to 96DPI, characters may be missing.

Please change the Windows font size by the following procedure.

① Right click the desktop and select "Personalize".
② Click "Display".
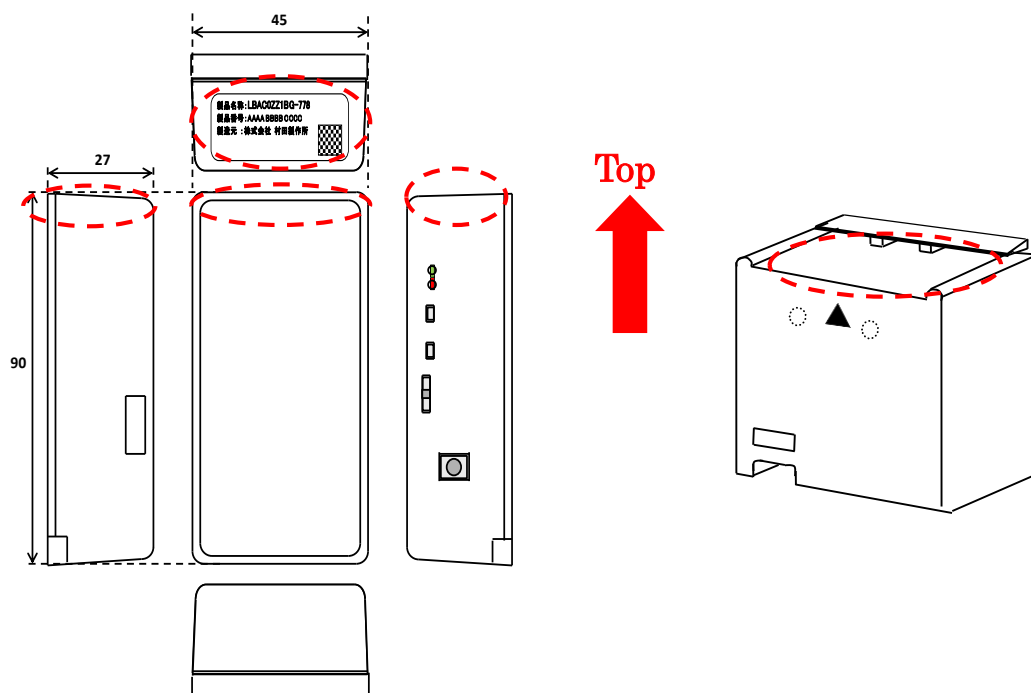
③ Select 100 % scale and click "Apply", and log off.
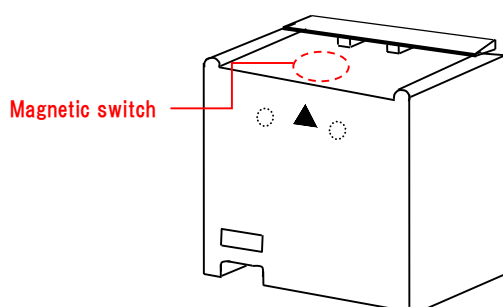
2. APPENDIX

2.1. Caution

・Install the sensor units making the antenna portion facing upwards.

The antenna part is enclosed by the red dotted line of the following figures.
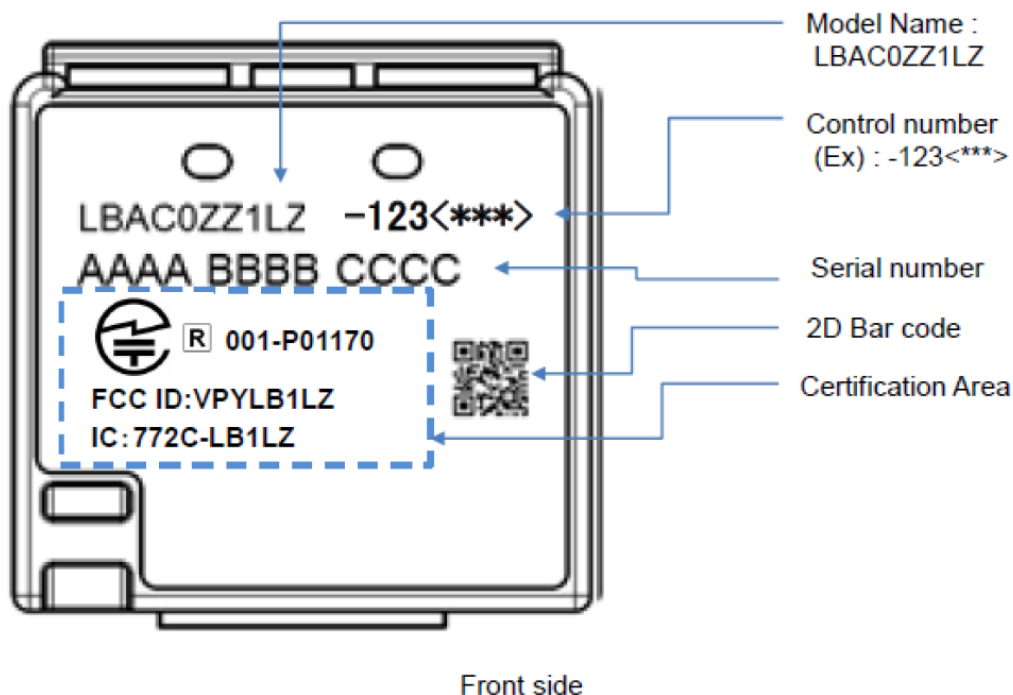

・Vibration sensor unit has a magnet switch.

Be careful when carrying or storing the sensor unit with battery. If the magnet part, bottom side, (LBAC0ZZ1LZ-123) or other magnetic products touch the magnetic switch part, the operation mode may change unexpectedly and result in high battery consumption.

2.2. Label Design

Model Name : LBAC0ZZ1LZ

Control number (Ex) : -123<***>

Serial number

2D Bar code

Certification Area

LBAC0ZZ1LZ   -123<***>

AAAA BBBB CCCC

R 001-P01170

FCC ID:VPYLB1LZ

IC:772C-LB1LZ

Front side

FCC ID : VPYLB1LZ

IC : 772C-LB1LZ

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

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This device complies with Part 15 of FCC Rules and Industry Canada's applicable licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1) l'appareil ne doit pas produire de brouillage;
2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules as this equipment has very low levels of RF energy.
Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles les radioélectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC puisque cet appareil a un niveau tres bas d'energie RF.