




Wireless Freezer Temperature Arrangement System for Supermarket

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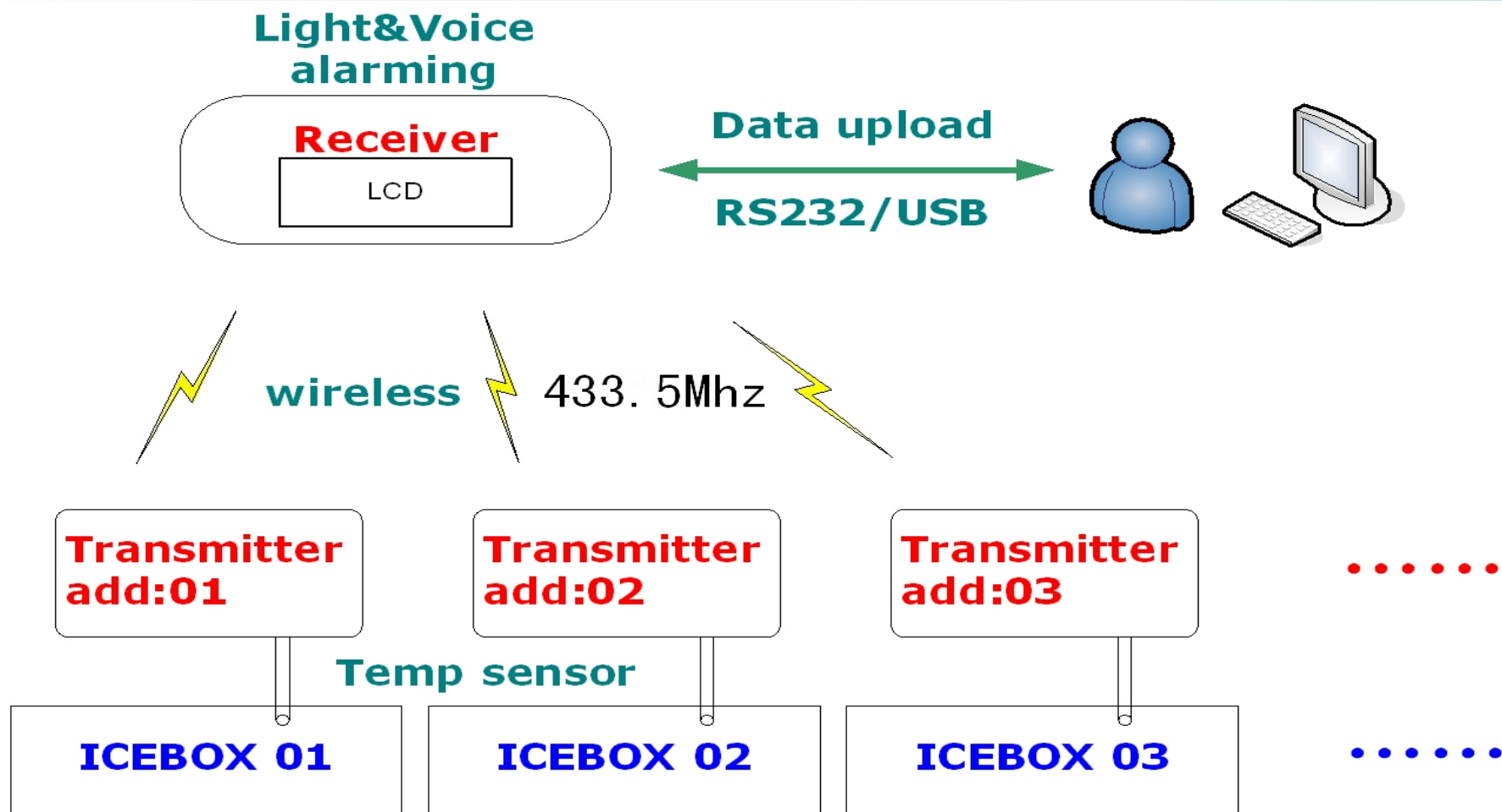
Function of Receiver

- ❖ Arrange no more than **50** pcs transmitter
- ❖ Upload data to PC via RS232 port or wireless
- ❖ ID setting
- ❖ Temperature setting with **frz/frg** sensor
- ❖ **2 weeks** data back-up while data uploading failure
- ❖ Warn of temperature rising and transmitter failure
- ❖ **433 .5MHz** wireless frequency with FCC certificate
- ❖ Real time clock with **15 hours** poweroff protecting
- ❖ **150m** wireless distance in open area
- ❖ Working condition: **-10°C~60°C**
- ❖ **AC100V** power supply
- ❖ **AC~DC** adaptor

Function of Transmitter

- ❖ Temperature detecting with **frz/frg** sensor
- ❖ With temperature accuracy of **$\pm 1^{\circ}\text{C}$** or **$\pm 2^{\circ}\text{F}$**
- ❖ Sending temperature to Receiver **once an hour**
- ❖ ID setting
- ❖ Easy fixed with **magnet**
- ❖ No less than **3 years** of battery life
- ❖ **150m** wireless distance in open area
- ❖ **433 .5MHz** wireless frequency with FCC certificate
- ❖ Working conditon: **$-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$**
- ❖ **3.7V** Li-ion battery

Illustration



Software of PC

- ❖ Wireless USB adaptor
- ❖ Data collecting from receiver
- ❖ Parameter setting
- ❖ Excel report creating automatically
- ❖ 433 MHz wireless frequency with FCC certificate



Thank You !

■ *Sharing Pleasure Sharing Result*

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