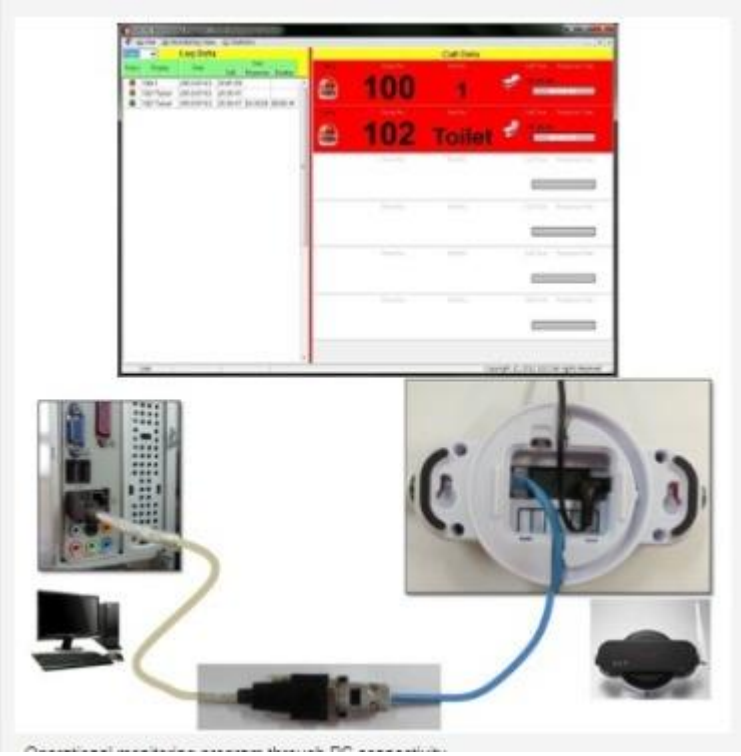
PC Monitoring Device (Receiver)

It receives signals from buttons, transfers information to a personal computer for collecting statistics. Information about calls is saved in the program. (Call time; number of the call button; time spent for servicing); Instant display of the incoming call on the PC screen. It is possible to set the interval for customer service. Statistics can be uploaded in Excel format.

SPECIFICATION

Size:	146W×90L×32H (mm)
Weight:	116g
Color:	Glossy-black top and White bottom
Display:	LCD(in the Bottom) for Mode setting
Freq:	434Mhz Band
Power Supply:	AC220V/DC12V External Adapter
Antenna:	External Dipole antenna
Transmission Type:	Omnidirectional (360˚)
RF:	Receiver & Transmitter (FSK Low Power Data Transmission Standard)
PC Interface:	Connected with PC by RS-232

FEATURES



- Operational monitoring program through PC connectivity
- Bell ID Registered Quantity : max. 500

- No FND display and No Sound
- Bell ID Registration method : by SPM (SOLT PC Manager) or by Air Registration

RS-232C PROTOCOL

1 Connect the SR5-MPR & Serial to the PC, and run Hyper-terminal program.
2 Push the transmitter (ex, SB5-1P). → Output 19-digit code on the Hyper-terminal program.
(Communication settings : 9600, 8, N, 1(STOP BIT))

· **UART Transmit Format**

stx	KeyCode [hex]		Blank	Bell Chip ID [hex]						Blank	Display ID [Number/Character]							etx
	2nd	1st		6th	5th	4th	3rd	2nd	1st		6th	5th	4th	Blank	3rd	2nd	1st	

**Key Code : Unique value of transmitter button numbers (2 byte) → Fixed value
**Bell Chip ID : Transmitter Unique ID value (6 byte) → Production random generated ID
**Display ID : User display ID (7 byte) → User setting ID

· **Key Code Table**

Key Code	Hyper terminal	Key Code	Hyper terminal
1	14	2	24
3	28	4	34
5	38	6	44
7	48	8	54
9	58	10	64
11	68	12	74
13	78	14	84
15	E4	16	F4

**If one button transmitter, mostly keycode is "1(14)".

Ex) : Keycode: "**1**", Bell Chip ID: **FF0001**, Display: "**A10**",

stx	KeyCode [hex]		Blank	Bell Chip ID [hex]						Blank	Display ID [Number/Character]							etx
	1	4		F	F	0	0	0	1		A	1	0	Blank	null	null	null	

**If Display ID is less than 5 characters, the remaining digits are treated with "null data".