Fire IoT Basic Model

The Fire IoT is a data transmission device that links with a fire receiver to immediately transmit fire alerts and critical event information generated by the receiver to relevant personnel and the fire station, thereby facilitating immediate fire response and ensuring the normalization of firefighting equipment at all times.

Link with fire receiver

Johnson controls
SIEMENS
GFS
Protech
Alllitelife
Jungwon C&S
Uno system
Advance Dragon
HY Engineering
Mirae Tech, ETC.

Communication network

- SK, KT, LGU+
- Cat.M1, Cat.4
- Wireless or Wired

Link with R-type Receiver

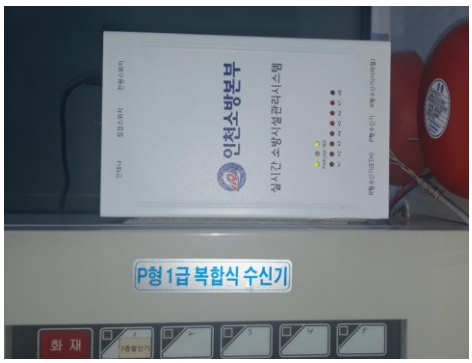
RJ-45, RS232, RS485

Link with P-type Receiver

8Port Contact

Application

- Real-time Fire Receiver Monitoring
- Display of Fire Receiver Failure and Interlock Stoppage Information
- Fire Alert Service
- View Various Fire Receiver Event Logs and Statistics



< On-site Installation Example Photo >

Product Features

Fire IoT

❖Support for various fire receiver manufacturers

- Johnson Controls
- Siemens
- SafeSystem
- Alllitelife
- Protech
- UnoSystem
- HY Engineering
- GFS, etc.

❖ Various Interfaces

- RS232, RS485
- TCP/IP, UDP
- Debug
- LED Alarm

❖Flexible equipment usage

- LED status indicator
- Antenna extension port

❖ Uplink

- SKT
- KT
- LGU+

❖ Support Monitoring Server

- Support for control server for user management
- SMS transmission in case of fire or event

Monitoring Server

❖Key Features

- Real-time Fire Receiver Monitoring
- Display of Fire Receiver Failure and Interlock Stoppage Information
- Fire Alert Service
- View Various Fire Receiver Event Logs and Statistics

❖2 Types

(1) Dedicated Type
- Server installation at customer's location
- Additional server installation costs apply / Institutional ownership

(2) Cloud Type

Beaming Core
beamingcore.com

A-dong 1310-ho, 70 Dusan-ro, Geumcheon-gu, Seoul
sales@bmcore.kr / +82-2-2169-2325

Specification

	Item	Specification	Remarks
1	MCU	32Bit Microcontroller	Compatible with ST and GD companies
2	I/O Interface	Main 8 Port	Data reception_contact input(+24Vdc)
3	Serial Port	RS-485	R-type receiver Data reception protocol
4		RS-232	
5	Debug Port	Mini USB	
6	Power Switch	Power ON/OFF	
7	Antenna Interface	SMA(F), 50Ω	Cat.M1 modem(SKT, KT, LG U+)
8	USIM Card Holder	Standard	
9	Chipset	Qualcomm_MDM9206	
10	Frequency band	LTE(FDD-half duplex) B3, B5, B26(Varies by carrier)	
11	Transmission Output (Max)	23dBm ±2.7dB	Class III
12	LED Indicators	Power, Server link, Fire	3
13		P-type receiver reception	8
14	Temperature range	-10°C ~+50°C	
15	Main Power Specification	6V@1A	DC Adapator