Fire IoT Premium 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

- Type P and Type R
- Contact,RS232,RS485
- TCP/IP, UDP
- Interoperability based on vendor protocols

Communication network redundancy

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

Built-in automatic fire extinguishing system

Gas, powder, solid aerosol

LED

Operating status LED indicator (communication, linked, fire)

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 Redundancy

- 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

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Specification

	Item	Specification	Remarks
1	MCU	32Bit Microcontroller	Compatible with ST and GD companies
2	I/O Interface	Main 2 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 or USB-C	
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, Transmission, Link-Main, Link-Sub	4
13		P-type receiver reception	2
14	Temperature range	-10°C ~+50°C	
15	Main Power Specification	AC220V	
16	Automatic fire extinguishing device	Gas, powder, solid aerosol	
17	Body	SUS material	