100HUB - WLRF

Intelligent Central Control Panel



Intelligent central unit of the FireSAFE fire and security system, which ensures complete management of all connected devices and promptly alerts users to potential risks, such as carbon monoxide leaks, detection of flammable or explosive gases, fire hazard or flooding.

- CONNECTED wireless connection of FireSAFE devices
- Supports connection of up to 128 devices
- Integrated LED status indicator panel
- Built-in siren and 70 dB loud alarm
- 4 communication channels (Wi-Fi, Ethernet, 2x GSM LTE)
- Radio signal range up to 1000 m
- Integration support for video surveillance systems
- Voice warning system
- Configuration and Control via FireSAFE APP
- Free software updates
- Communicates via Wi-Fi, Ethernet and 4G (2x SIM GSM LTE)
- Cloud-based device firmware update
- Battery backup for up to 10 hours of operation
- Authentication of connected devices
- Jamming detection
- Bidirectional information transfer between devices
- Dual antenna for wider radio coverage
- Tamper protection against sabotage and unauthorized manipulation

Technical specification

Model	SAFE 100HUB-WLRF
Classification	Intelligent Central Control Panel
Maximum Number of Connected Devices	128 wirelessly interconnected FireSAFE devices
Network Modes	Ethernet, Wi-Fi and mobile network
Built-in Siren	70 dB
Signalization Method	Optical and acoustic
Remote Update	Yes (OTA)
Mobile App	iOS 9.1 and higher; Android 4.4 and higher
Available Language Localization	Czech, Slovak, Polish, English, German
Working Radio Frequency	868 MHz
Communication Type	Bidirectional
Communication Distance	Up to 1,000 m in open space
Wi-Fi Standard	IEEE 802.11b/g/n

Wi-Fi Frequency Range	2.4 GHz (not compatible with 5 GHz networks)
Wi-Fi Range	50 m
LTE-FDD Frequency Range	B1/B3/B5/B7/B8/B20/B28
Power Supply	100 V to 240 V AC
Battery Backup	Lithium, 4750 mAh, 17.57 Wh
Operating Temperature	−10 °C to +55 °C
Operating Humidity	≤ 95% relative humidity, without condensation
Housing Material	ABS
Colour	White
Installation	On the wall, free-standing
Product Dimensions	175 × 175 × 36 mm
Product Weight	500 g
Declaration of Comformity (DoC)	CE
Warranty	36 months
EAN code	0728204234907



More on the web
smart-safe.eu/firesafe/en/produkty/safe-100hub-wlrf

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