Product line CONNECTED

50HUB - WRF

Central control unit FireSAFE with radio communication and video verification support, two communication channels (Wi-Fi and Ethernet) monitoring the activity of all connected devices (max. 24) FireSAFE through a free APP



CONNECTED wireless FireSAFE device connectivity

- For secure, stable and reliable communication, the system has its own FireSAFE radio technology between individual devices operating at a frequency of 868 MHz
- Communication between individual devices up to a distance of 1000 m in open space
- Configure and adjust the settings of your fire safety system remotely from anywhere

Support for connecting up to 24 FireSAFE devices

- Supports connection of up to 24 detectors and devices from the constantly growing FireSAFE CONNECTED portfolio
- Monitors devices such as fire and temperature alarms, carbon monoxide or flammable, explosive gas detectors, environmental sensors and other components
- Easy installation of individual devices without the need for cabling

Two communication channels (Wi-Fi and Ethernet)

- By connecting to the internet network (either via Ethernet cable or Wi-Fi), it enables convenient configuration and control of individual parts of the FireSAFE system

Configuration and control via FireSAFE APP

- Remote monitoring via an intuitive free mobile application of the same name (for Android and iOS in Czech localization) designed for smartphones, tablets and other devices
- All information and instant alerts in one application on your phone 24 hours a day, 7 days a week

Integration support for video monitoring system

- Easy integration of FireSAFE overview IP camera for verification of fire events, FireSAFE IP thermal camera for detecting rising temperature in monitored zones of interest (electric cars, electric bikes and scooters, battery storage, lithium battery storage, etc.) or FireSAFE IP camera for flame detection in monitored space

Voice alarm system

- In case of danger, malfunction or important changes in the network or system, the user will be informed about the current situation through various types of voice messages delivered in a human voice
- The language of voice warning messages (including Czech localization) is selectable and can be changed freely in the FireSAFE mobile application menu

Technical specification

Classification	Central control unit with radio communication and video verification support
Maximum number of connected devices	24 FireSAFE type units
IP camera support	Yes (cameras with FireSAFE APP compatibility only)
Mobile application	iOS 9.1 and higher; Android 4.4 and higher
Available language localization	Czech, Slovak, Polish, English, German
Power supply	Input: 100 - 240 V AC, 50 / 60 Hz Output: 5.0 V DC / 1.0 A
Operating radio frequency	868.0 – 868.6 MHz
Radio signal range	Up to 1000 m in open space
Communication channels	Wi-Fi 2.4 GHz (incompatible with 5 GHz Wi-Fi network); Ethernet
Encryption mode	TLS for cloud communication
Frequency hopping	Yes (automatic)
Wireless protocol	IEEE 802.11b/g/n
Wi-Fi frequency range	2400 – 2483.5 MHz
Wi-Fi transmission range	50 m
Installation type	Indoor

Mounting method	On wall or horizontal surface (mounting material is included in the package)
Signaling	Acoustic (siren up to 70 dB) and optical (LED indication)
Operating temperature	-10 °C to +50 °C
Operating humidity	Up to 95 % relative humidity without condensation
Storage conditions	Temperature: -10 °C to +55 °C Humidity: 10 % to 95 % relative humidity without condensation
Housing material	PC + ABS
Color	White
Declaration of Conformity	CE
Warranty	24 months
Product dimensions	78.2 × 78.2 × 22.9 mm
Product weight	60 g
Product packaging dimensions	103 x 52 x 103 mm
Product packaging weight	148.7 g
Carton dimensions	475 x 329 x 278 mm
Carton weight	6.9 kg
Number of pieces per carton	40 pcs
EAN code	0703123018258

Product dimensions

