LLEDÓ luXexit

THE NEXT STEP IN THE EVOLUTION

Wireless self-contained monitoring system SAFELOG TOUCH WIRELESS

SAFELOG WIRELESS / HYBRID

easy to use – quick to install – cost-saving

Emergency Lighting by LLEDÓ

WHY SAFELOG WIRELESS OR SAFELOG HYBRID?

Up to now the use of cable-connected self-contained monitoring systems in planning and, in particular, in installation work has resulted in a considerable outlay. In addition to installation of the power supply, each luminaire needs to be equipped with a bus line for the communication. Here, the customer is repeatedly faced with considerable challenges in installing this additional bus line. It is often not possible to install an additional bus line in, for instance, old building revamping work or in historic-protected buildings.

An intelligent solution here is afforded by the SAFELOG Wireless system. It is a simple and easy-to-install self-contained monitoring system permitting communication with the „Wireless" luminaires without any additional bus line. The installer only needs to install the luminaires mechanically and supply them locally with voltage (230V AC).

Along with use of a wireless system only, a hybrid installation is also possible i.e. combination of wire-connected BUS and wireless. Thus in the case of extensions/retrofits of existing systems, the system can be added to without changing the existing installation or used, for instance, in architecturally demanding installations.

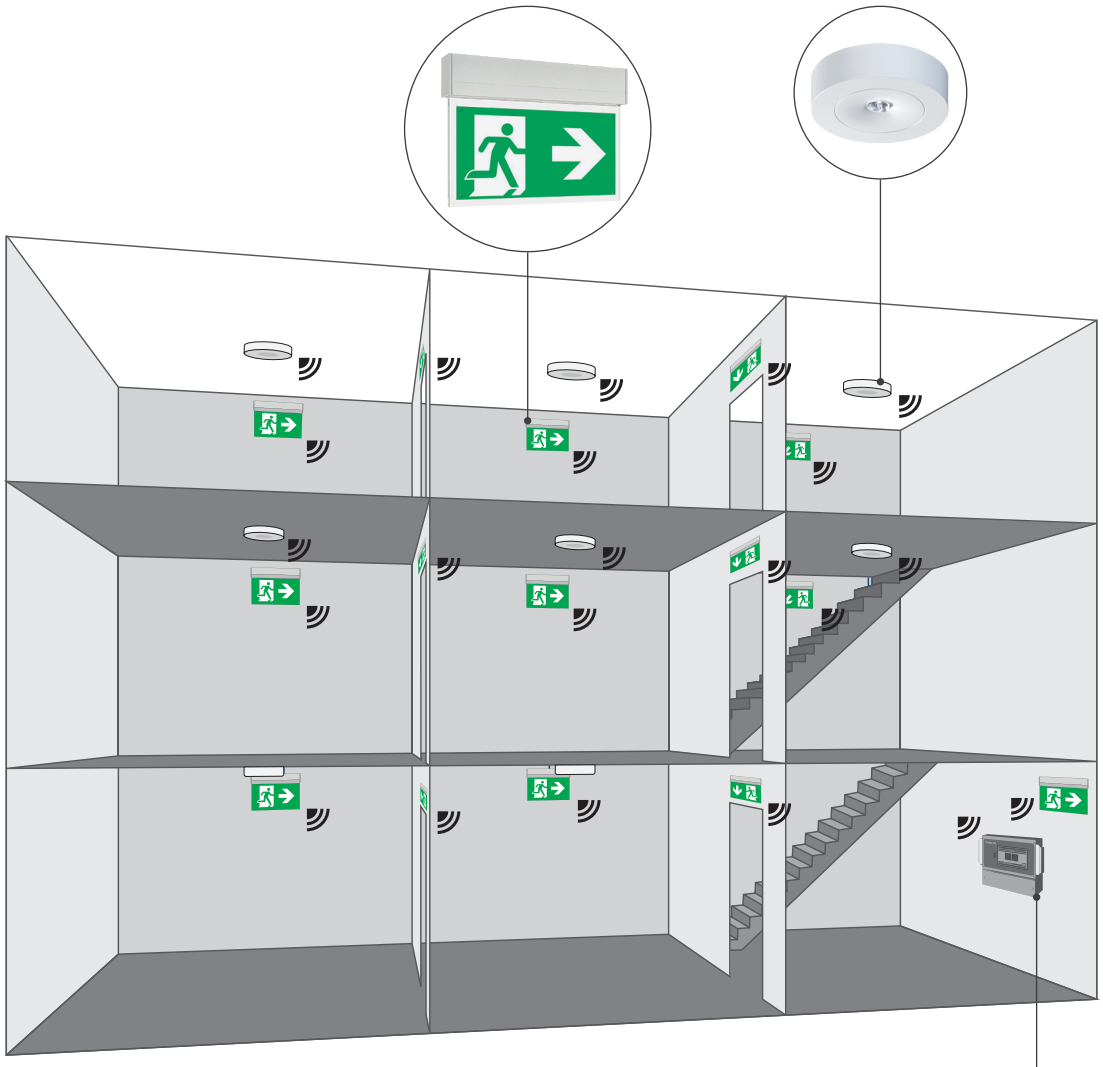
PRINCIPAL BENEFITS

- Little installation time
- Easy installation without bus wire
- Saving on installation materials
- Straightforward planning
- Automatic mains set-up
- Hybrid system possible

IDEAL SCOPE FOR USE

- Historic-protected buildings or building areas
- Buildings for renovation
- Architecturally demanding buildings
- Extension of existing systems

SAFELOG WIRELESS INSTALLATION

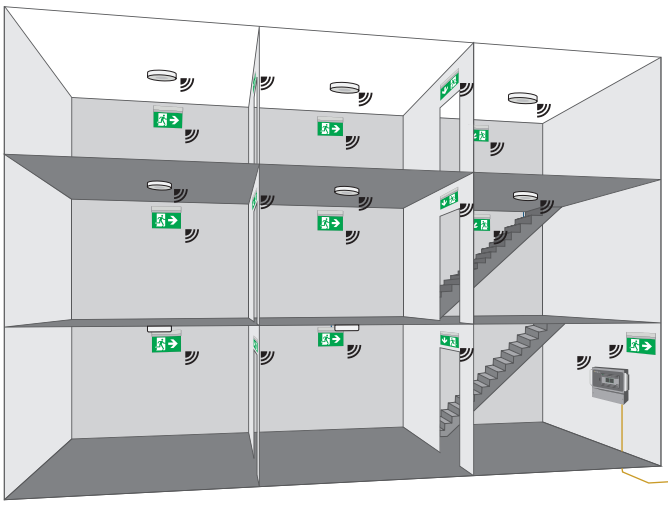


COMPONENTS

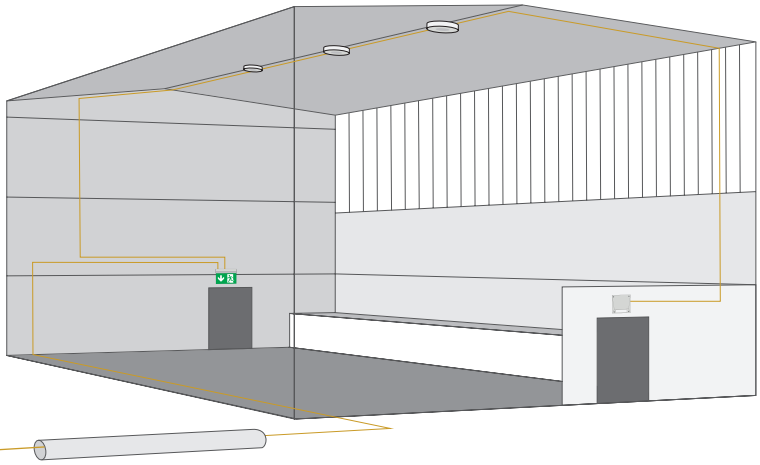
- SAFELOG TOUCH WIRELESS unit
- Wireless luminaires
- Wireless repeater (if required)

SAFELOG HYBRID INSTALLATION

SAFELOG WIRELESS



SAFELOG BUS CABLING



COMPONENTS

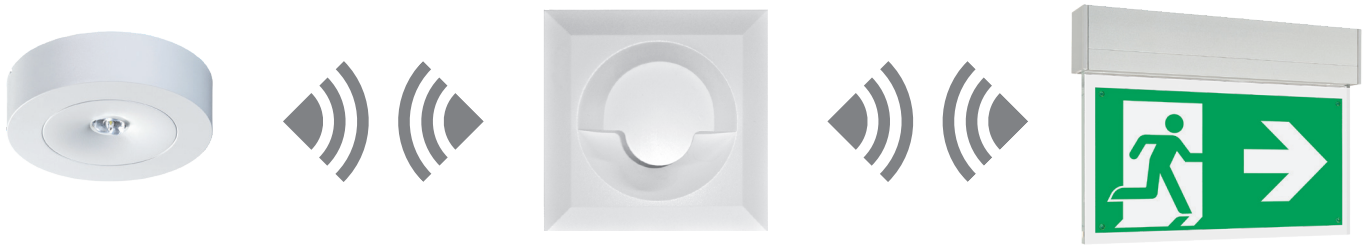
- SAFELOG TOUCH WIRELESS unit
- Wireless luminaires
- Wireless repeater (if required)
- cable-connected BUS luminaires

FIELD OF USE

- Multi-branched buildings
- Areas that wireless cannot reach (shielded)
- Buildings with extreme interference sources
- Areas in which no continuous bus wiring is possible

WHAT DISTINGUISHES THE SAFELOG WIRELESS SYSTEM?

- No additional bus wiring necessary at the installation stage. The data is wireless-interchanged (868 MHz SRD band). Only a 230V/50HZ power supply is needed for the luminaire.
- No additional setting at the wireless consumer [1)] needed. The network is automatically set up immediately after connection to the power supply.
- Maximum possible distance between two wireless consumers given direct visual contact 30 m. [2)]
- No visible aerial.
- The system is based on a „mesh network“: Each wireless consumer is also a network router relaying the data between the wireless consumers to the objective. This enables the realization of large radio networks despite a statutorily limited transmitter power.
- Self-restoring network: If a connection is blocked or fails, the network automatically sets itself up again.
- Hybrid network possible, due to combination of wireless and wire-connected BUS devices.



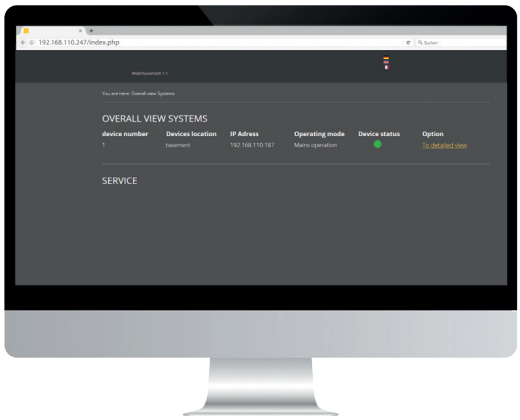
1) Wireless consumers can be: luminaires, repeaters, conversion sets and emergency luminaire converters.

2) Only applies to wireless consumers with plastic housing. For wireless consumers with metal housing the maximum possible spacing between wireless consumers given direct visual contact is 20 metres and for wireless consumers with aluminium housing it is 10 metres.

SAFELOG TOUCH WIRELESS

Wireless self-contained monitoring system

- Management of max. 500 wireless self-contained luminaires (SRD 868MHZ) and max. 500 bus-controlled (RS485) luminaires.
- 5" multi-touch-capable colour display including a USB port for connecting an external memory, USB printer, a keyboard or a mouse
- RJ45 network connection with TCP/IP protocol
- Incorporated web server for remote control and saving of building plans
- Wall mounting version in IP65 plastic housing



WEB VISUALIZATION

- The SAFELOG TOUCH system includes an integrated RJ45 network connection with which the device status can be checked using the built-in web server.
- The SAFELOG TOUCH system can be controlled remotely via the web server and building plans can be stored for the building visualization.
- No additional installations in the network are necessary. A device overview is available to the user in real time by entering the IP address of the SAFELOG TOUCH system in the web browser.
- No data has to be imported or read in. All actions take place directly on the SAFELOG TOUCH system.

BUILDING VISUALIZATION

- The building visualization gives you an optical presentation of the safety lighting in the building.
- The visualization gives the user a quick overview of all consumers connected to the SAFELOG TOUCH system.
- You can see the status of the SAFELOG TOUCH system and consumers at any time and react promptly in the event of an error.
- In addition, the building visualization helps users (including those who are not local) to orientate themselves quickly in the building.
- The plans for the building visualization are stored as images (* .PNG, * .JPG) in the system.
- Up to 200 different plans can be stored.