

Introduction

to the flexyPage system



Content

[Content](#)

[A short overview](#)

[Internet portal](#)

[Environmental protection](#)

[Durability](#)

[Made in Germany](#)

[About the flexyPage documentation](#)

[Area of application for flexyPage displays](#)

[Features](#)

[Platform independent configuration using a browser](#)

[Security functions + role based rights levels](#)

[flexyPage portal](#)

[Signals discrete and via CANopen-Lift](#)

[Energy saving functions](#)

[Timer and event functions](#)

[Special solutions](#)

[Advantages of the flexyPage system](#)

[flexyPage display models](#)

[Our services](#)

[Your contact persons](#)

A short overview

flexyPage is a modern and flexible system for the simultaneous display of lift data and multimedia presentations in and outside of lifts.

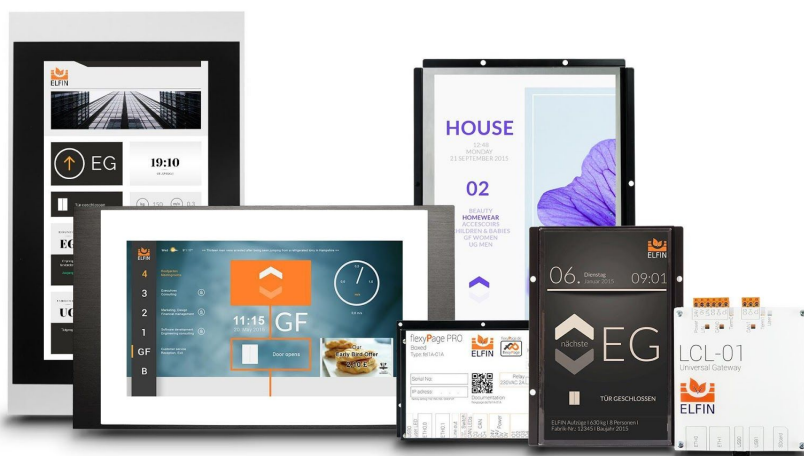
flexyPage displays are available in several models and sizes from 10,1" up to 95". They can be used in all lifts and for various use cases, in both newly constructed buildings or for retrofitting.

The flexyPage's layout and functions are freely configurable, which can also be done via internet. Therefore, no specific software is needed; the configuration is done using your usual browser.

The display can be connected to the lift through digital inputs, as well as via the direct connection to the lift's fieldbus. A variety of models are available. For the accessibility of manufacturer-specific protocols, the LCL-01 universal gateway can be used.

The functions are provided through widgets. These tiny programs can be flexible positioned and configured with regard to the desired screendesign. This allows maximum flexibility for any application.

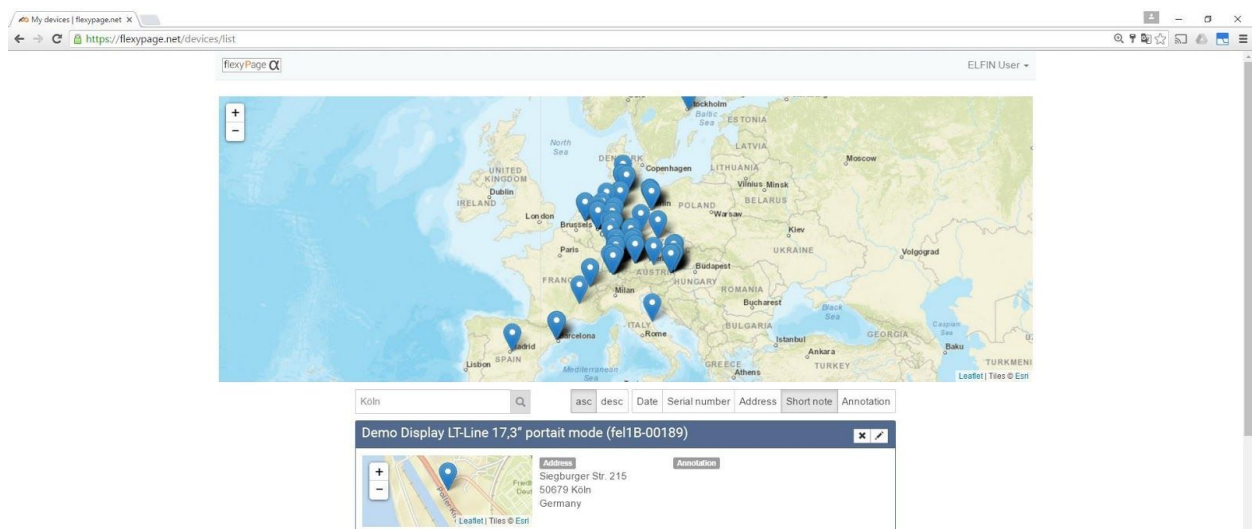
As flexyPage displays can be connected directly to the internet, there is the need of high security standards. These include the encryption of transmitted data and a role based right management system, which allows to provide the users different right levels for configuration.





Internet portal

With the flexyPage portal another unique feature is available. All flexyPage displays can be configured through a central internet-portal. Customers have now the possibility to update content by having access to their display's configuration screen via the internet.



Environmental protection

Environmental friendly development and production of flexyPage displays are vital criterions for us. Thus, solely displays comprising modern LED background lighting are used, which do not only have high durability, but also low energy requirements. Only displays and board components are utilised which are free of lead and arsenic.

High-performance and energy efficient multi-core systems are used for the control of displays. This reduces energy demand and enables passive cooling and minimal casing dimensions.



Durability

Most of the flexyPage displays are designed for 24/7 operation. Therefore, the product's durability is an important factor. Solely industrial displays with a durability of minimum 30,000 hours are deployed for flexyPage. The integrated energy saving function either reduces the brightness automatically or will switch to hibernation mode when the display is no longer needed. This also increases the display's lifetime.



Made in Germany

flexyPage displays are developed and manufactured in Germany. The hard and software are regularly improved and adapted according to changing requirements. This guarantees a long term support as well.

All this makes flexyPage ideal for use in lifts, building automation systems and 'digital signage' purposes. Some examples can be found at the product website flexyPage.de/en.



Do you have questions or requests? Get in touch with us sales@flexyPage.de.

About the flexyPage documentation

This document provides an overview of possibilities of what can be achieved with the flexyPage system. It constitutes only a small part of the whole documentation and is undergoing continual improvement.



The documents, images, graphics and videos, as well as hard and software are protected by copyright. It is prohibited to copy or circulate this document without prior written consent. Translations do also require a written declaration of consent. The ELFIN GmbH is sole contact for copies, translations and similar concerns.

This documentation is continuously revised and updated with the greatest of care. Nevertheless, errors cannot be excluded. We are pleased to hear your comments, helpful references and suggestions about this documentation. Please contact our sales department or support for that.

The ELFIN GmbH will not accept any liability for errors or any potential damage and their consequences related to the delivery or usage of this document.

Please carefully read the user manuals, product data sheets, and safety and mounting instructions before using!



The actual user manual as well as other documents and application cases can be found at the product website:

Introduction to the flexyPage system

flexypage.de/en/doc/documentation

Quick starting guide

flexypage.de/en/doc/documentation

Video tutorials

flexypage.de/en/tags/video-tutorials

flexyPage user manual

flexypage.de/en/doc/documentation

Widget descriptions

flexypage.de/en/doc/widget-descriptions

Product data sheets

flexypage.de/en/doc/technical-documentation

Frequently asked questions

flexypage.de/en/faq

Sales contact

flexypage.de/en/sales

Support contact

flexypage.de/en/support

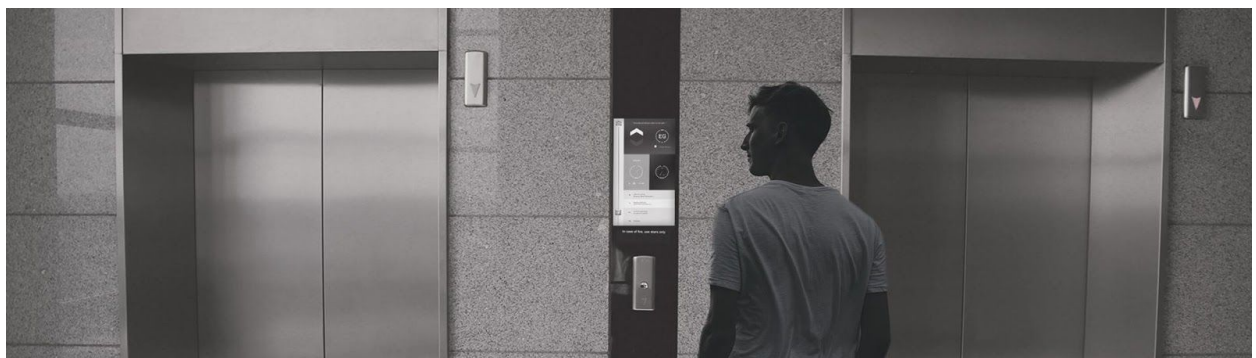
Area of application for flexyPage displays

The flexyPage displays were designed for use in lifts. They can be installed in new constructed buildings and in context of modernisation measures for lifts of all manufacturers. The displays can be used in both the lift's cabin and on the landings.

Several interfaces, modules and sensors can be used for controlling. The displays have been applied for hotels, hospitals, office buildings and yachts. Different models with several equipment variants are available to meet the diverse needs of design, environmental factors and functionality. An overview can be found at the product website [flexyPage.de](https://flexypage.de).

More, the flexyPage displays can be equally installed in other areas i.e. the sector of building automation or 'digital signage'. Due to the flexible possibilities of combination offered by the widget selection, the displays can be adapted to diverse demands by just using the web configuration. Is a widget missing for your desired application? Please contact us. We are pleased to support you.

For the connection to the fieldbus, a CAN interface and ethernet are available. In addition, special protocols can be implemented if needed. When other interfaces are required, the LCL-01 universal gateway can function as a converter. You can find more information here elfin.de/en/universal-gateway-lcl-01.



If we have caught your interest or you have specific requirements, contact our team via the contact form at flexypage.de/en/sales.

Features

flexyPage displays can be used for both displaying content and as input device. If the latter is desired, the displays can be equipped with a touch sensor. flexyPage displays are also able to process signals of external buttons. The displays can be connected through integrated LAN and CAN interfaces. In this way, they can operate as a single unit and complement each other. Lift buttons, multimedia content and lift information can be assembled on different displays, which will be perceived as a unified whole.

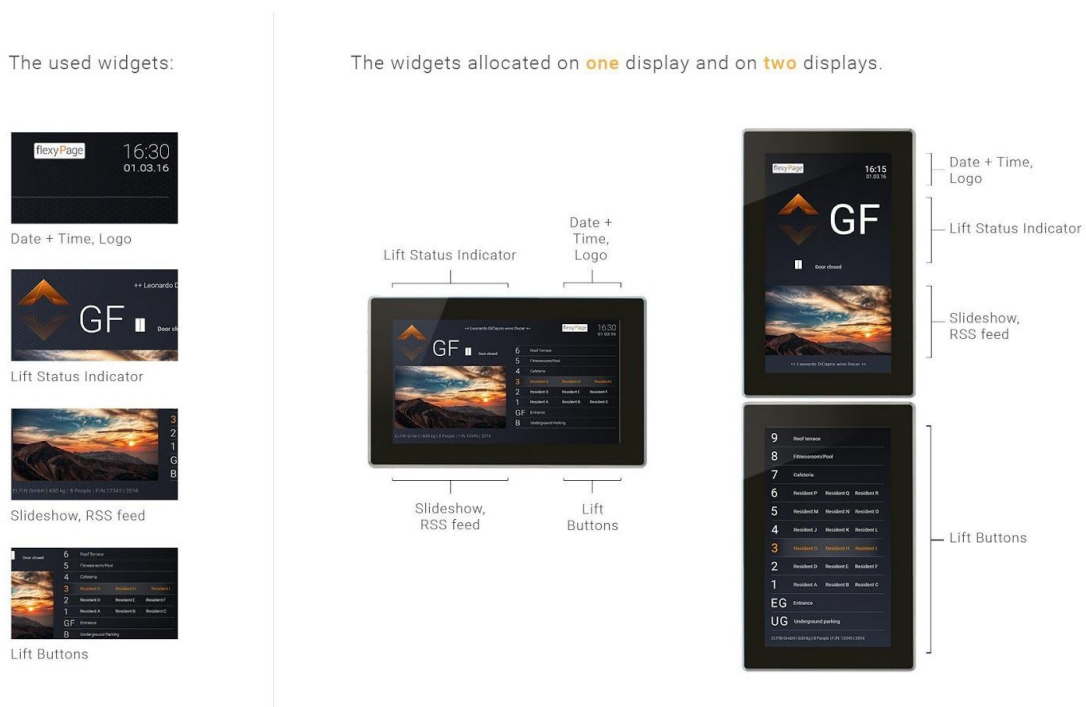


Figure: Displays connected to operate as a single unit.

The functions are provided through widgets. Each of those tiny programs has a defined range of functions, similar to smartphone apps. The widgets are provided through an integrated library and can be flexible positioned and configured in consistency with the screen design purposes.

At the moment, several widgets for the different displays of lift signals and buttons to input commands are available. Additionally, it is possible to portray various sensor data, such as position, speed or load.

For visualising multimedia data such as videos, slideshows, RSS reader or weather information, flexyPage provides also several widgets to offer information, entertainment and advertisement.



An overview of the widgets currently available and their functionalities can be found at the product website flexypage.de/en/doc/widget-descriptions.

Platform independent configuration using a browser

The development of the flexyPage displays had as objective to present web content, cloud connectivity and remote configuration. To enable an intuitive and flexible configuration, the configuration software was developed as a web application. That is why there is no need to buy additional software which has to be installed and regularly updated. It is possible to configure using every current browser, which is independent from platforms, so that smartphones, tablets, Mac or Windows computers can be used.

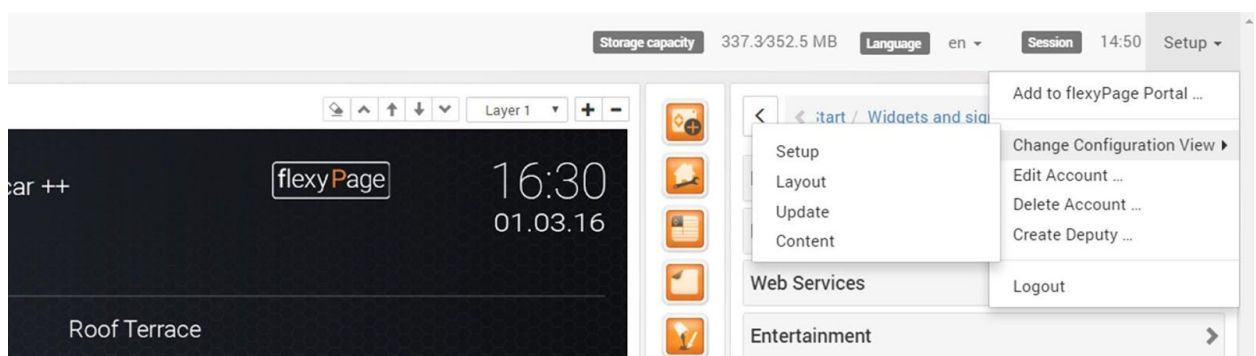
Despite the fact that the flexyPage display provides extensive functions, its configuration is intuitive. This can be provided using a web editor, through which the elements can be easily positioned by pulling and clicking. Furthermore, they can be customised by changing colour and shape.



Security functions + role based rights levels

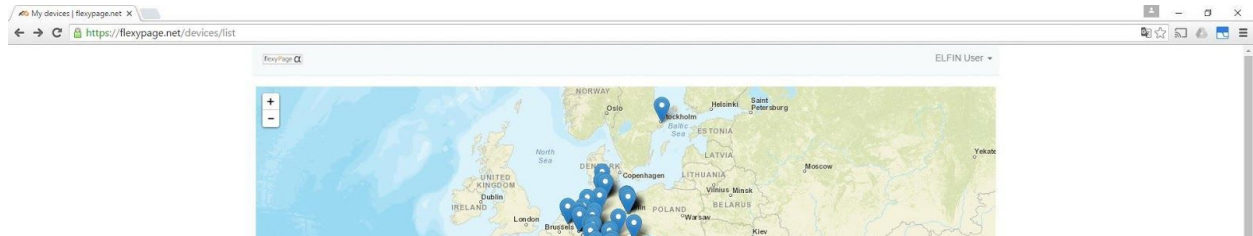
Devices which are connected to the internet demand high safety requirements. This includes the encryption of data transmission as well as a flexible user management, which only provides authorised users' access and differentiates users' different rights.

A role based rights management system has been integrated into the flexyPage display to allocate users' different levels of right for configuration. This allows, for example, to let the engineer adjust the parameters of the interface, a screen designer change the appearance and other users only access the content of the display.



flexyPage portal

When managing one's display using the internet, it is necessary to have an easy option for accessing them. The flexyPage display provides a central portal for your display's administration. Using this portal, only few clicks suffice to access your displays' configuration surface. Your safety and data encryption is guaranteed by several integrated procedures.



Signals discrete and via CANopen-Lift

flexyPage displays are compatible with every type of lift. The signals are provided by internal or external input/output terminals. The displays support additionally the open standard CANopen-Lift. Therefore, it is possible to connect sensors from different manufacturers directly to the displays using this interface and consequential to show sensor data in different ways.

Energy saving functions

flexyPage provides several integrated power saving functions which automatically reduce the brightness or put the display to sleep when it is not used. Therefore, the energy consumption is reduced and the display's lifespan extended. You can easily configure the desired behavior in the web configurator.

Timer- and event functions

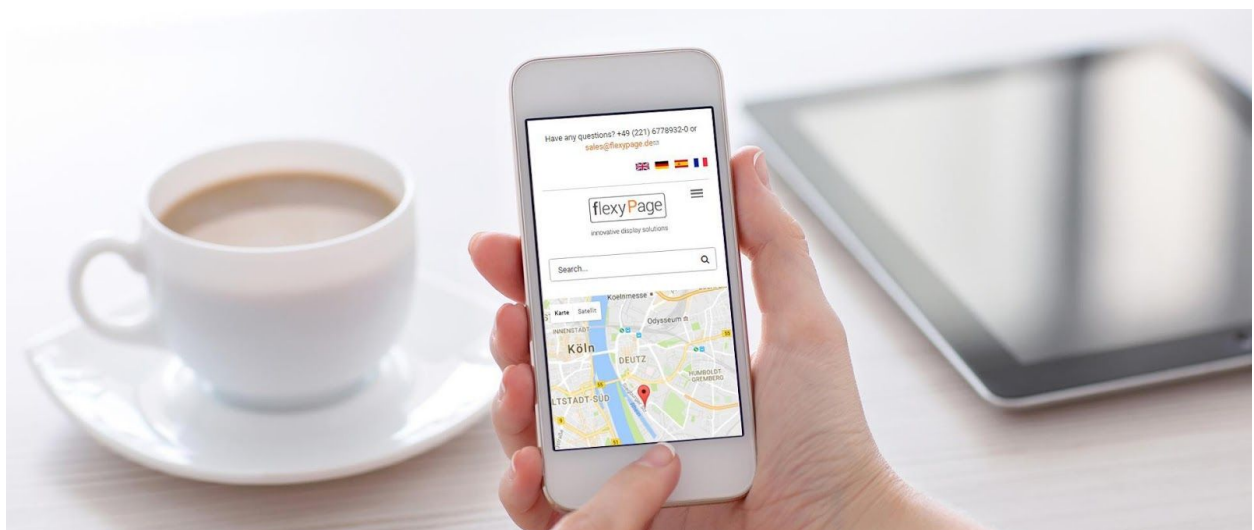
The use of widgets enables high flexibility when implementing screendesigns for different applications. But sometimes it is necessary to limit the portrayal of selected elements to specific times or events. Due to an integrated timer and event function, the possibilities to portray have been highly extended. The portrayal and behavior of every single widget can be determined individually, depending on day, time or specific occasions. Therefore, a video can easily be replaced with a silent slideshow or a button's appearance can be limited to fixed days and times. In case of fire, the event function can automatically replace advertisements with an evacuation plan and useful hints.

Special solutions

Widgets, timer and event functions enable a diverse range of flexibility to realise several applications. Sometimes, functions are required which demand customised and complex requirements to hardware or program functions. That is why flexyPage and its integrated functions are developed further continually. We implemented, for example, a simple access control, which requires a pin code when selecting a certain floor, including a “party- function”, which temporarily deactivates the pin code. Also, the position based presentation of videos on several displays synchronously raises particular demands on hard and software. Under the condition that videos are presented depending on the current position and direction of travel, it is possible to simulate a window inside the lift.



Do you have an individual scope of application? We will be happy to help you implement your requirements. Contact us via sales@flexyPage.de.



Advantages of the flexyPage system

Many advantages have been already described in the former chapters. Here, you can find a short summary of the most important facts:

- Any lift information can be combined with multimedia elements.
- Several displays and their functions can be combined as well.
- Sensor data (position, speed, load) can be portrayed in different ways.
- Diverse content from the internet (weather, news, RSS feeds) can be presented.
- A high flexibility through an integrated widget system, in combination with timer and event functions is given.
- An easy configuration using the internet without special configuration software is possible.
- Safety features, including encryption referring to current industry standards and comprehensive access control with the help of a role based rights management system.
- Minimal energy demand and long lifespan due to the use of efficient micro controller, LED backlights and integrated energy-saving features.
- Minimal mounting depth on a basis of a passive cooling system.
- Support of open standards, e.g. CANopen-Lift.
- Persistent advancement by an experienced team in Germany.

flexyPage display models

Diverse applications do have differing demands concerning size, temperature, sensors, installation, desired design and the lift's or building's interfaces. That is why flexyPage displays are available in different models and sizes from 10,1" to 95". You can find a selection on our website flexyPage.de.



You did not find anything that appeals to you? We are pleased to assist you and help you to adapt flexyPage according to your own application. Contact us at sales@flexyPage.de.

Our services

The portrayed screendesign benefits a display and how it appears to us. Therefore, flexyPage provides several premium designs, which can be easily customised to your individual demands. Additionally, we offer you a specialised product for your specific screen design.

Your contact persons

Even an extensive documentation cannot answer every question. Do you have questions or suggestions concerning our flexyPage system? We look forward to your inquiries. For this, please contact us under:



ELFIN GmbH
Siegburger Straße 215
50679 Cologne
Germany
Phone: +49 (221) 6778932-0
FAX: +49 (221) 6778932-2
service@elfin.de
www.elfin.de



flexyPage Sales
flexypage.de/en/sales
Phone: +49 (221) 6430816-2
FAX: +49 (221) 6778932-2
sales@flexyPage.de

flexyPage Support
flexypage.de/en/support
Phone: +49 (221) 6430816-3
support@flexyPage.de