didactix
SMART SOLUTIONS

Technology educates

DISCOVER THE POWER OF DIDACTIX IT

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We focus on: technology, develop- ment, functionality, innovation

Modern technology has a huge impact on our daily lives – almost in all its aspects. Instead of avoiding them, we should rather use them skillfully so that they can support learning, playing, work or rehabilitation.

The **Didactix** brand proves that technology and didactics can go hand in hand, motivate children to learn, support teachers in their educational mission, enable parents to safely support their children in revalidation work and individual play at home.

We combine our enthusiasm for creation with specialized education and extensive market experience. We were among the first to make an attempt on development of our own solutions within the scope of digital education and rehabilitation. To accomplish this, we have brought together teams of extraordinary experts, therapists and IT specialists.
We create, produce and implement. The result is state-of-the-art products that allow you to discover broader, previously unknown multimedia possibilities at the best quality and price.

„In no other job have we spent so much time on playing when actually working..."

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Collaboration

Innovative multimedia devices are the future of education and business!

The **Didactix** brand offers high quality multimedia products – **FlySky** and **FlySky FleX**
– having a broad spectrum of functionality.
These devices are mainly used for educational and therapeutic-developmental purposes for early school- and school-age children. They also complement the business space, and their use during conferences and remote work significantly increases efficiency of activities.
On the following pages we provide you with the exact specifications and we describe
the functionality of our products.

„In order to turn serious learning into smart play, you have to remain a child inside."

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**Flexibility is
a powerful energy.**

**We tap into that energy, giving
the same opportunity to you.**

**We offer a model of cooperation
tailored to your individual
needs.
We realize the importance of
freedom of choice, which is why...**
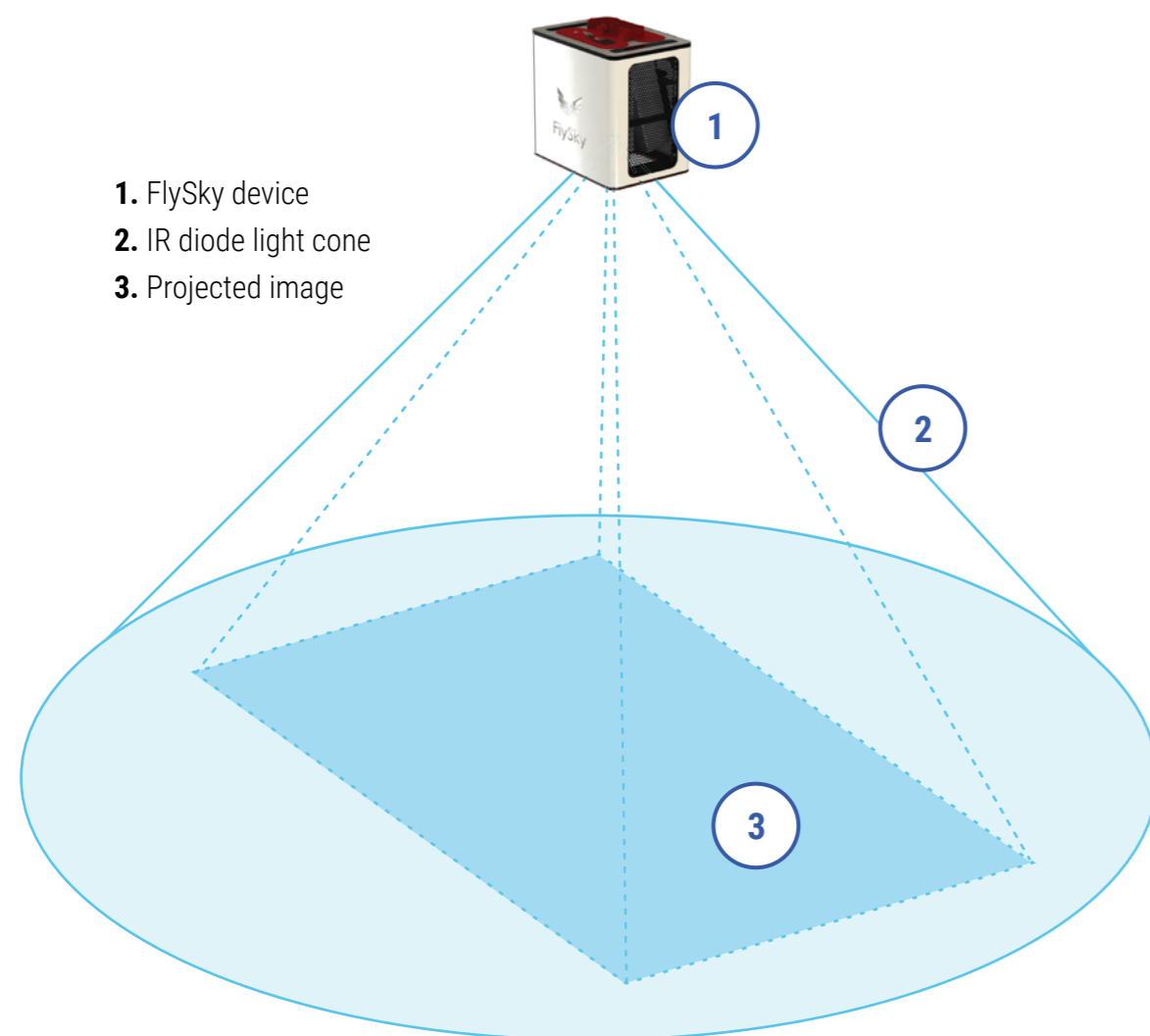
...decide for yourself.

PACKAGES:

Device

Applications

Device
& Applications

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Room characteristics

To take full advantage of the device's functionality, it is recommended to install it in a room with an area of **3 m x 4 m** or larger, equipped with impervious blinds or curtains.
The shaded space ensures good quality of the image displayed by the projector and correct reading of user movements by the vision sensors.

1. FlySky device
2. IR diode light cone
3. Projected image

The recommended installation height of the device above the surface (in interactive floor configuration) is **2.5 m - 3.5 m**. The mounting height of the device can be adjusted with the help of dedicated extension brackets available in the manufacturer's offer. The image size when suspended at a height of 3 m is **2 x 3 m**.

FlySky meets the requirements of the sanitary regime.

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FlySky

The FlySky interactive floor is a multimedia product that allows for versatile learning, therapy and fun for users of all ages. It is a creative and innovative solution that teaches through play.

Its integral part is a short throw projector, a processing unit and a camera with dedicated software. Using the projector located inside, the image is projected onto the floor, which is activated by users moving around it. The active area is illuminated by LEDs placed in the lower panel, emitting infrared light. As a result, moving or making gestures triggers a change in the image, which allows for operating a wide range of games, applications and websites.

„CLICK!"

The **FlySky** technology eliminates delays in the interaction of user movement and image reading, allowing applications and games to be used for rhythm classes.

„NO SHADOW"

Recognizing shadows and eliminating their impact on play.

„MOVING LIGHT"

Dynamic response to changes in lighting in the room and automatic adjustment of parameters to ensure that the optimum image quality is maintained in all conditions.

„STEREO SOUND"

The **FlySky**'s audio performance provides ideal sound quality, even in rooms with high noise level.
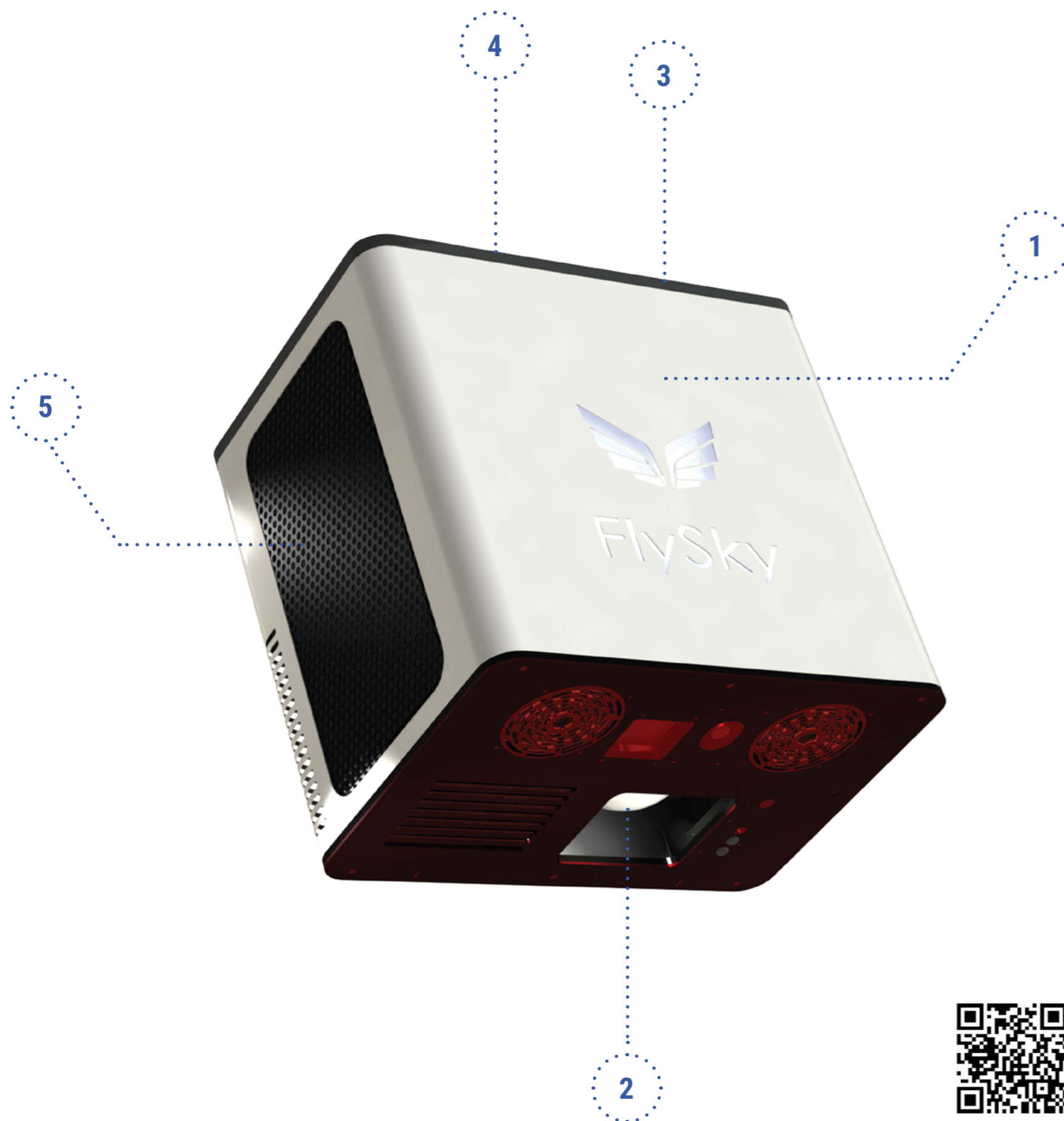
„DIGITAL DIDACTICS"

All applications and games are based on innovative methodological solutions according to the assumption – „entertain and educate".

„FREE RESOURCES"
option available online only

Didactix is the only company on the Polish market that provides its customers with free Internet resources and updates of installed games and applications, prepared taking into account the assumptions of the **FlySky** Digital Didactics.

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1 PC
AMD 3.2GHz **processor**
4GB DDR4 **RAM**
120 GB **SSD**
Linux operating system

2 SHORT THROW PROJECTOR
Projector brightness: up to 3600 ANSI lumens
Image resolution: up to 1280x800
Lamp life: up to 10000h

3 INTERFACE
USB
VGA
MiniJack
RJ45 (Ethernet)

4 ELECTRICAL PARAMETERS
Power supply: 230V, 50Hz
Energy consumption: 350 W

5 AUDIO STEREO SYSTEM
Two speakers with a combined power of 20/30
Built-in amplifier
Connection for external audio equipment

FlySky

Product presentation

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FlySky FleX

It combines the usability of an e-desk with a floor and interactive whiteboard. FlySky FleX owes its functionality to a miniature LED short throw projector, a processing unit and a vision sensor along with innovative software. The device is operated by touch and with dedicated pens.
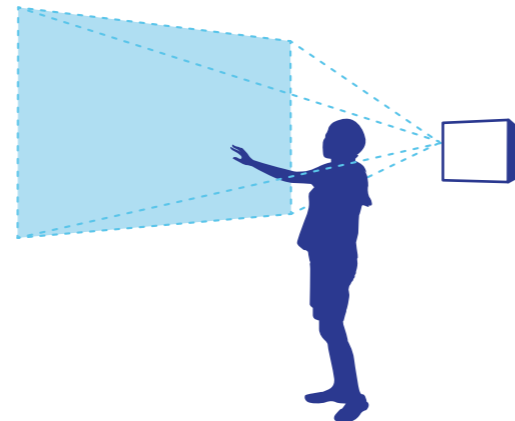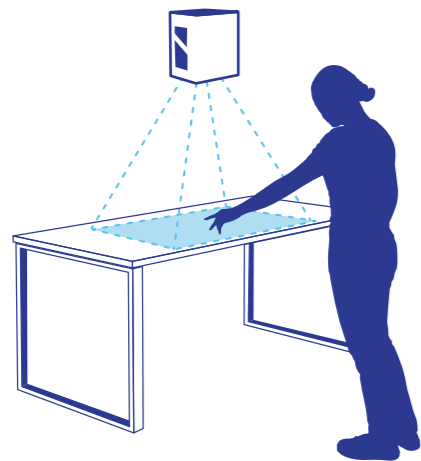
FlySky FleX allows you to use a wide range of applications, resources and games provided by the manufacturer, and the ability to connect to the Internet gives you the opportunity to use its open resources. It is a device combining small dimensions and a rich interior. The interactive projector that fits in the palm of your hand easily turns any school or home desk into a multimedia surface completely suitable for stationary as well as distance teaching, in groups as well as individually.

The adjustment of the **FlySky FleX** to work and play at home allows for effective and enjoyable involvement of parents in the educational and therapeutic process, providing them with a safe continuation of activities with their children outside the therapeutic office or educational facility, regardless of the degree of social isolation.
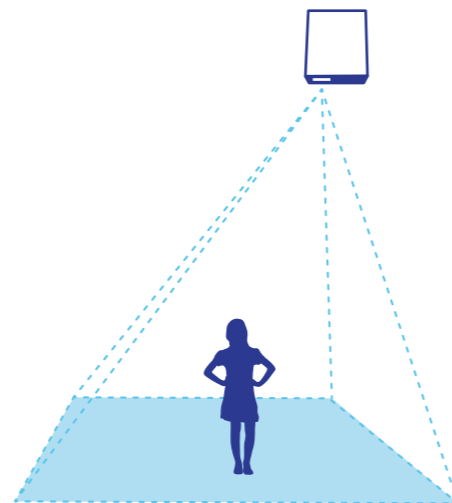
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depending on the mounting and location of the device, it can be used as interactive:
- **a bench**
- **a wall**
- **a floor**

Small dimensions with a rich interior:
186mm x 164mm x 120mm

„CLICK!"

The **FlySky Flex** technology eliminates delays in the interaction of user or e-pen movement (image reading). It enables the use of applications and games for honing i.a. fine motor skills (writing, tracing).

„NO SHADOW"

The **FlySky Flex** technology can recognize shadows and eliminate their accidental impact on the user's activity while working or playing.

„MOVING LIGHT"

FlySky Flex responds dynamically to changes in lighting in the room, automatically adjusting its parameters to ensure that the optimum quality of the displayed image is maintained in all conditions.

„STEREO SOUND"

FlySky Flex's parameters provides ideal sound quality even in moderately noisy environments, so you can use the device for work and play both in the comfort of your own home and during a social gathering or group work in a public space.
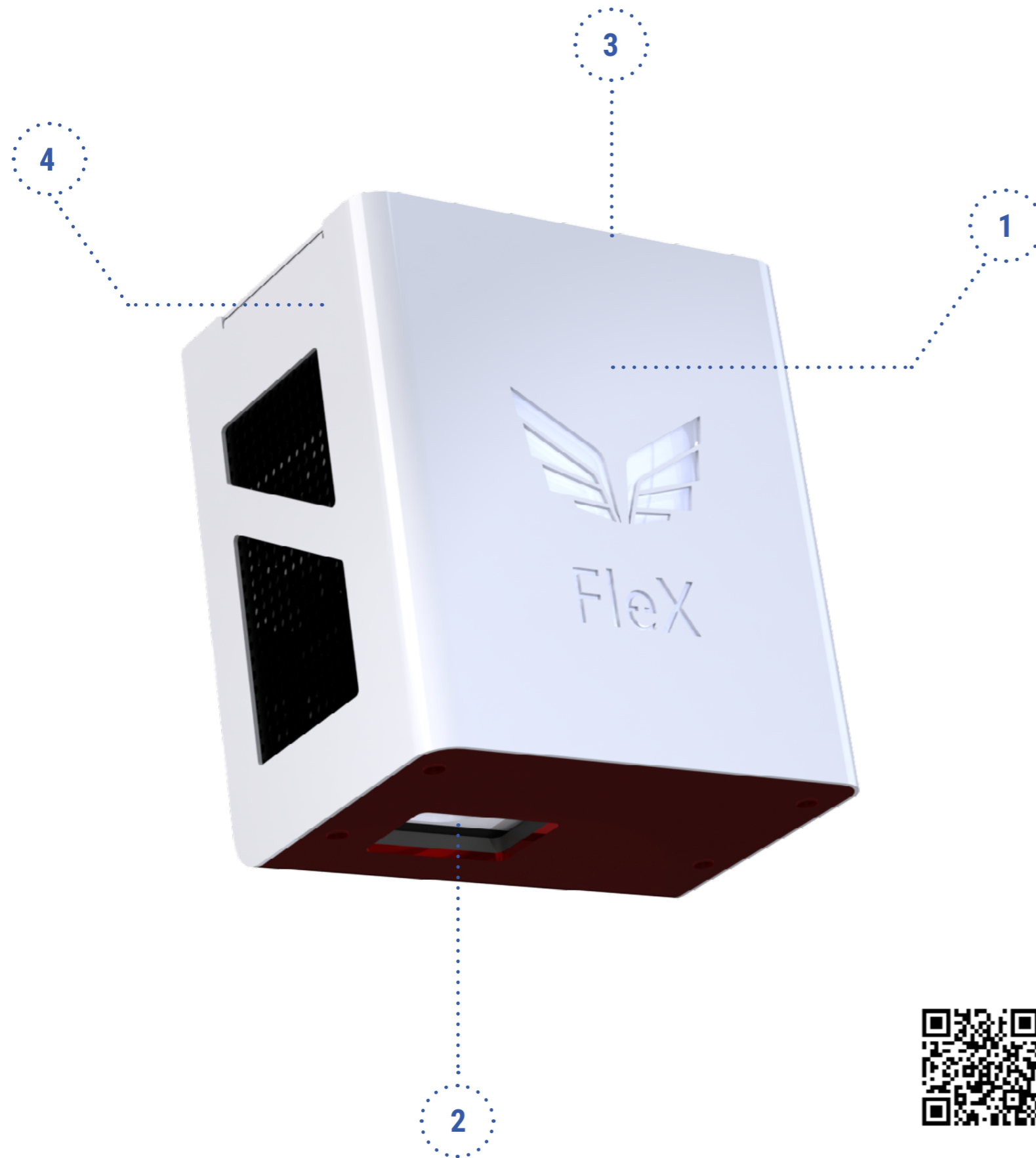
„DIGITAL DIDACTICS"

FlySky Flex provides the possibility to use applications and games based on the innovative solutions of almost all available methodical materials involving digital didactics.

„FREE RESOURCES"
option available online only

FlySky Flex allows the use of almost all applications, games and content available for the Android environment found on the INTERNET (open resources of the INTERNET).

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INTERIOR

Android 9.0 **operating system**
Access to the Internet
Screen sharing capability from
PC / tablet / phone via WiFi

1

PROJECTOR

Light source in the projector:
mercury-free LED lamp
Projector brightness: 300 ANSI lumens
Lamp life: up to 30000h
Supported image resolution:
1600x1200 (UXGA)
Native resolution of the projector:
854x480 (WVGA)
No sensitivity to light changes

2

INTERFACE

USB **port**
Built-in Bluetooth **module**
Built-in Wi-Fi **module**

3

ELECTRICAL PARAMETERS

Power supply: 15V DC
Energy consumption: 35W

4

3

4

1

2

FleX

Product
presentation

List of components included in the kit:

FlySky

FlySky multimedia device

- Remote Control (2 pieces)
- Network adapter
- Power cord
- Standard ceiling mount
- Standard mounting kit:
  (dowels, screws, bolts, nuts, washers)
- User Manual
- Warranty card
- Base package of 100 applications available on the device

FlySky FleX

- Interactive pen
- Power adapter
- Desk mount
- User Manual
- Warranty card
- Base package of 73 applications available on the device platform
- Access to open resources in the Play store

Applications

Didactix is not only multimedia devices, but also a staff of professionals from the broadly understood area of IT, which comprehensively took care of **FlySky** and **FlySky FleX** users, preparing a rich offer of multimedia applications and games, based on innovative methodology and didactics. Applications are designed for children, students, parents, teachers, educators, pedagogues, therapists, board game fans, managers.

The core catalog includes 100 applications meeting the needs of revalidation, general education, and learning coding.

The current global situation has forced a new approach to the widely understood teaching. The applications developed by the **Didactix IT** team are becoming an indispensable support for remote education. Full interactivity, access to communication platforms (Teams, Zoom, Skype) and high precision of device operation will make learning and working at home easier and more effective.

Didactix IT also offers additional game sets that are an extension of the basic package.

The Entertainment Catalog supports children's creativity and imagination while providing an innovative way to spend free time.

The easy and fun **Math Catalog** for kids supports the development of scientific minds.

The Animals Catalog allows you to learn about the world, while being an interesting form of entertainment for the youngest.

The Coding Catalog teaches new concepts and solutions while developing the children's scientific minds.

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Use the FlySky interactive device wherever you go:

FlySky dedicated mobile tripod

The tripod consists of a specially designed desktop and a high quality, stable, extendable tripod equipped with a winch gear that works in the range 125 – 220 cm.
Safety is ensured by a locking clamp. The innovative angled positioning of the device puts the game image away from the stand structure, allowing users to enjoy the full functionality of **FlySky** without interruption. Lightness, stability and convenience in carrying the tripod completes the comfort of its use.
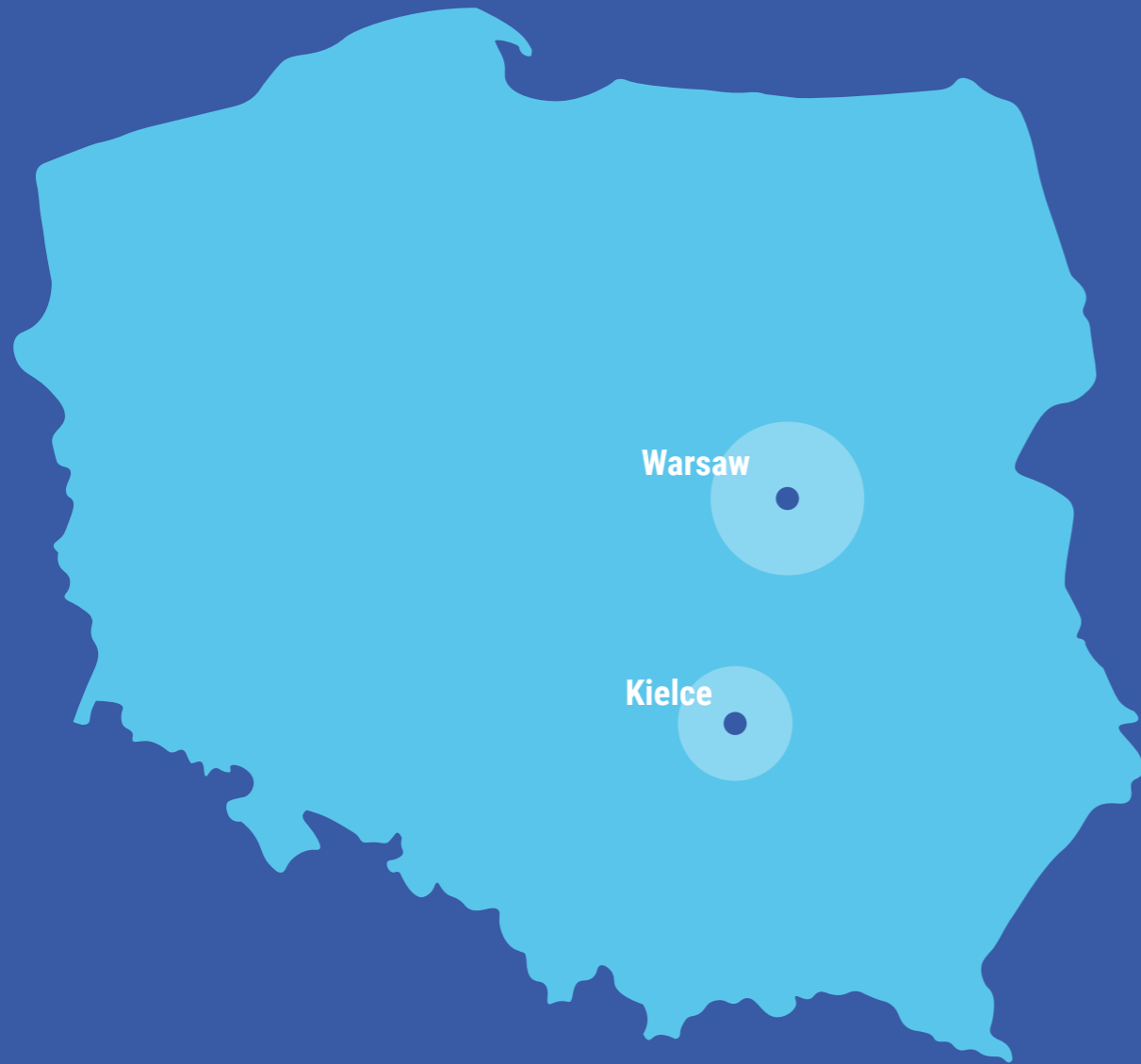
FlySky extension handle

The multitude of applications of the **FlySky** interactive device and variety of types the rooms in which it can be installed also applies to indoor installations when there is a very high or concealed ceiling. By using dedicated, adjustable extension brackets, available in two configurations:
•   extension from 25 to 50 cm
•   extension from 50 to 80 cm
made of durable and aesthetic materials, **FlySky** is easy and intuitive to install, and the whole creates a coherent and elegant composition.

Interactive pen

The superb precision of the PenFleX interactive pen allows you to write, draw and color freely.

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/ Board Office / Administration / Procurement Department

K i e l c e, ul. Olszewskiego 20 (Kielce Technology Park)
/ R&D and Production

Warsaw

Kielce

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