didactix

# Technology educates

Discover the power of Didactix IT

www.**didactix**.pl

# We focus on:
## technology, development, 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..."

# Collaboration

**Innovative multimedia devices
are the future of education and business!**

The **Didactix** brand offers high quality multimedia products – **FlySky** and **FlySky GO** – 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.
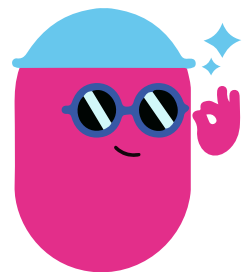
„In order to turn serious learning into smart play, you have to remain a child inside."

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

# 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.
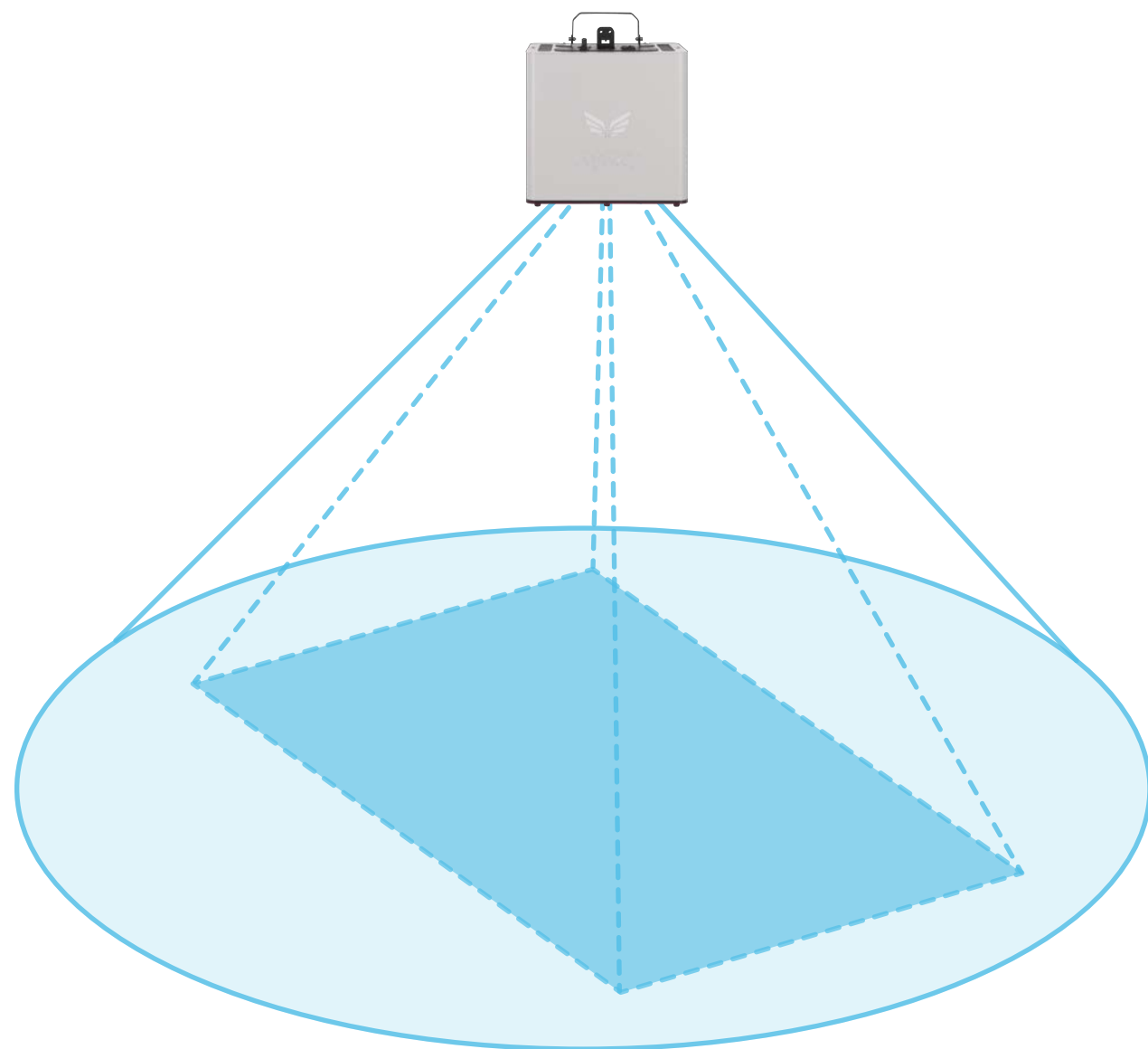


The recommended installation height of the device above the surface (in interactive floor configuration) is **2.5 m – 3.5 m**. The mounting height of the device can be adjusted with the help of dedicated extension brackets available in the manufacturer's offer. The image size when suspended at a height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

# FlySky

**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.

## 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.

## DIGITAL DIDACTIX

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

## VIDEO TUTORIALS

Each application on the FlySky platform is preceded by a short video tutorialshowing the rules of the game - to make using our interactive floor even easier!

## NO SHADOW

Recognizing shadows and eliminating their impact on play.

## STEREO SOUND

The FlySky's audio performance provides ideal sound quality, even in rooms with high noise level.

## FREE RESOURCES

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.
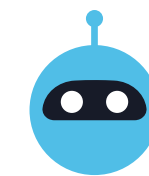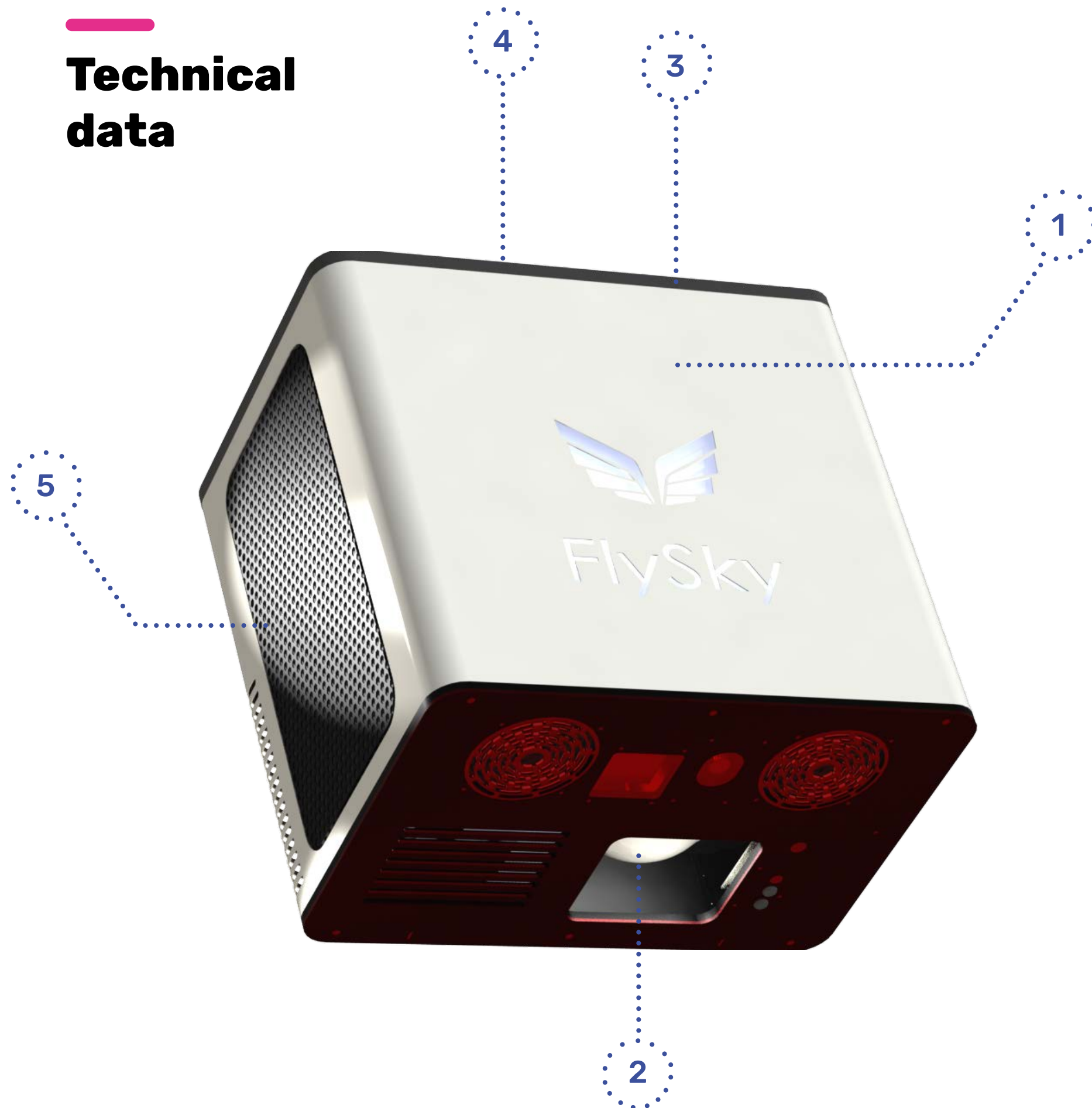
## MOBILE ROBOTS COMPATIBILITY

The new, improved motion algorithm detects mobile educational robots, allowing for even wider use of FlySky in modern education.

# Technical data



## CENTRAL UNIT

**1**

3.5GHz **processor**
4GB DDR4 **RAM**
120 GB **SSD**
Linux **operating system**

## SHORT THROW PROJECTOR

**2**

**Image brightness:** 3600 ANSI lumen
**Image native resolution:** 1280 x 800
**Lamp life:** up to 10000h

## NUMBER AND TYPE OF CONNECTORS

**3**

1 x **USB**
1 x **VGA**
1 x **Audio Jack**
1 x **RJ45 (Ethernet)**

## ELECTRICAL PARAMETERS

**4**

**Power supply:** 230V, 50Hz
**Energy consumption:** 350 W

## AUDIO SYSTEM

**5**

**Two 15 W speakers** with
built-in amplifier

## FlySky GO

**Specification:**
Set height: **155** cm
Set weight: **33** kg
Image size: **210 x 160** cm
Distance from front of unit to top-edge
of projection: **50** cm

## FlySky GO MAX

**Specification:**
Set height: **180** cm
Set weight: **33** kg
Image size: **250 x 200** cm
Distance from front of unit to top-edge
of projection: **50** cm

# Applications

**Didactix** is not only multimedia devices, but also a staff of professionals from the broadly understood area of IT and education which comprehensively took care of **FlySky** and **FlySky GO** users, preparing a rich offer of multimedia applications and games, based on innovative methodology and didactics.

**The basic catalog includes 92 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 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.
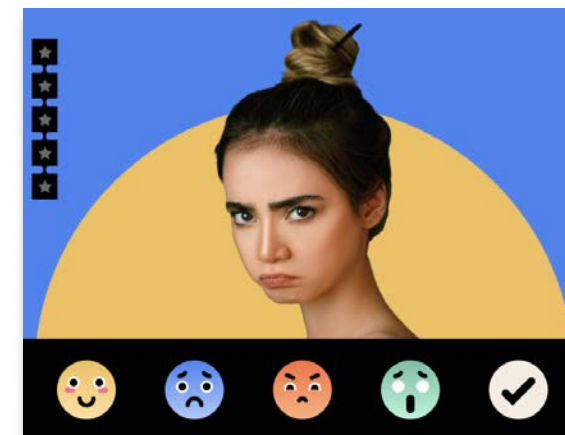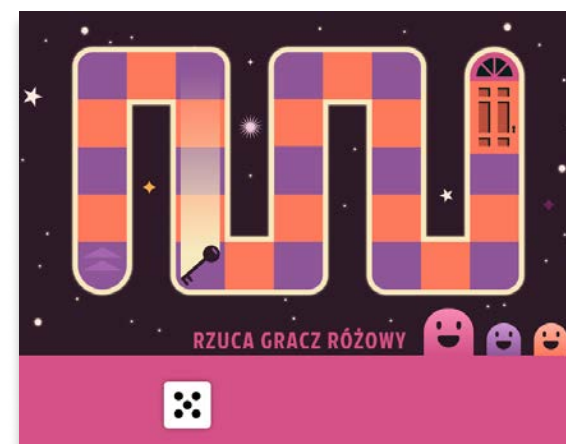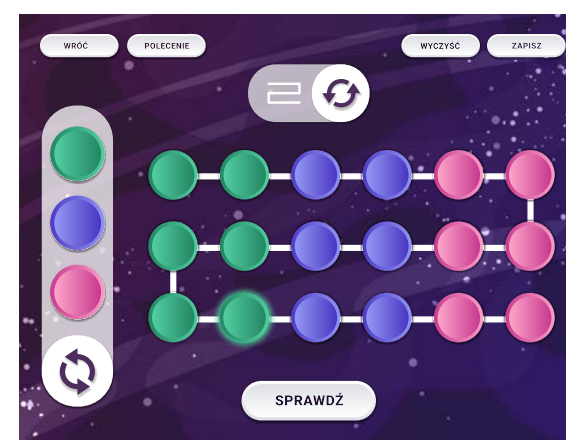
**Check our applications catalogue**

# Accessories for FlySky
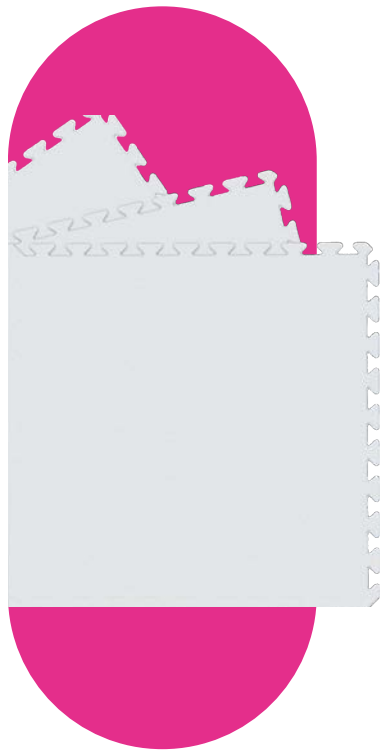
### White foam mat

If you do not have a uniform floor, a white mat is something that will perfectly remedy this and reproduce a perfectly projected image. Its size is perfectly suited to the image displayed by FlySky.

### IR pen

The superb precision of the interactive pen allows you to write, draw and color freely. It can also be used in the online games e.g. in chess, sudoku.

### IR pen on extension

By using the interactive pen on extension you can easily and quickly use the browser or YouTube on FlySky. To activate it, use the magic button on its handle.

### 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 three configurations: from 25 to 50 cm, from 50 to 80 cm and from 80 to 120 cm.

# FlySky bundles

| CONTENTS | BASIC | EXTRA | PREMIUM |
|---|---|---|---|
| Applications | 92 | 121 | 138 |
| Remote controls | 2 | 2 | 2 |
| IR pen | 1 | 1 | 2 |
| IR pen on extension | ✕ | 1 medium | 1 medium, 1 long |
| Puzzle mat | ✕ | ✕ | ✔ |
| Bag for accessories | ✕ | ✕ | ✔ |

# FlySky GO bundles
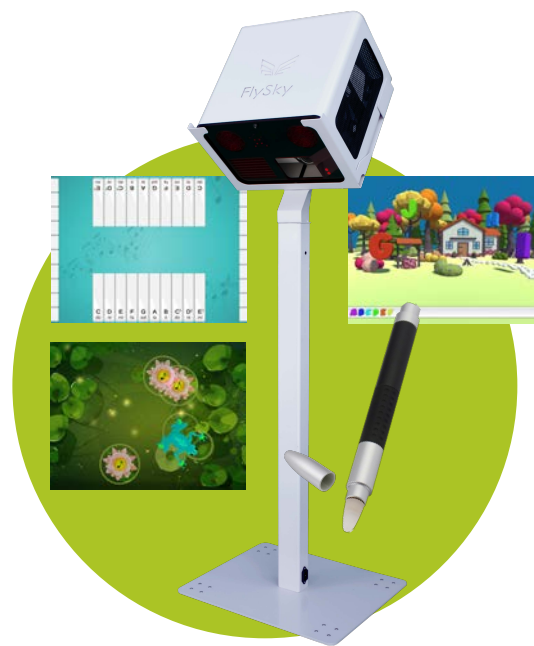


| CONTENTS | BASIC | EXTRA | PREMIUM |
|---|---|---|---|
| Applications | 92 | 121 | 138 |
| Remote controls | 2 | 2 | 2 |
| IR pen | 1 | 1 | 2 |
| IR pen on extension | ✕ | 1 medium | 1 medium, 1 long |
| Puzzle mat | ✕ | ✕ | ✔ |
| Bag for accessories | ✕ | ✕ | ✔ |

# FlySky GO MAX bundles
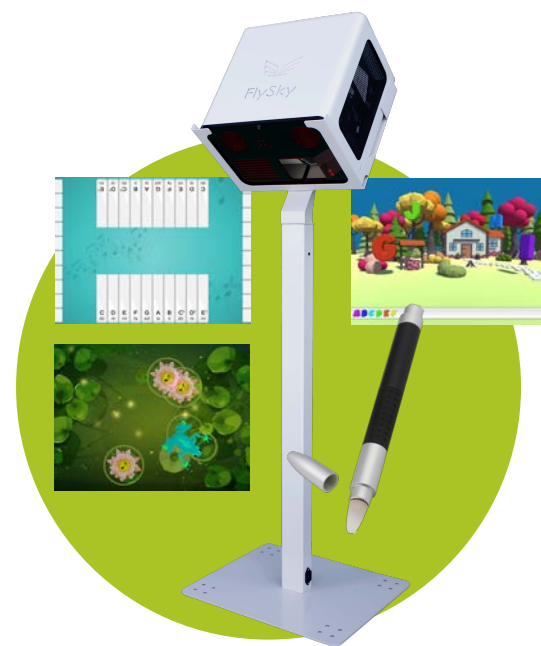
| CONTENTS | BASIC | EXTRA | PREMIUM |
|---|---|---|---|
| Applications | 92 | 121 | 138 |
| Remote controls | 2 | 2 | 2 |
| IR pen | 1 | 1 | 2 |
| IR pen on extension | ✕ | 1 medium | 1 medium, 1 long |
| Puzzle mat | ✕ | ✕ | ✔ |
| Bag for accessories | ✕ | ✕ | ✔ |

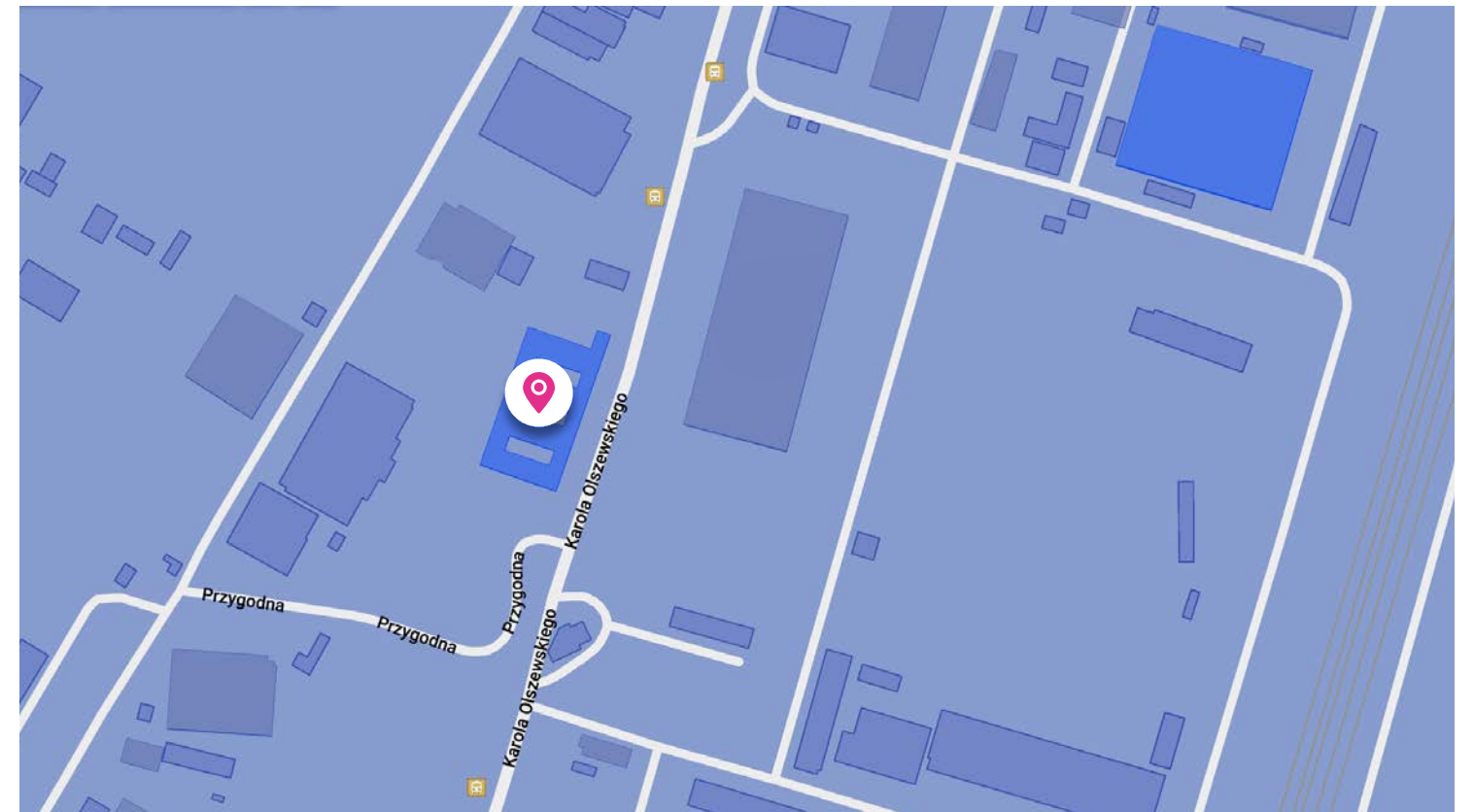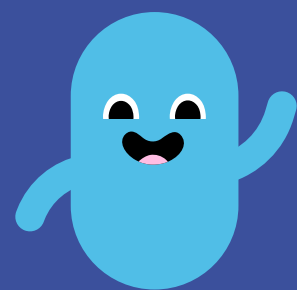**18 Królewska St., Warsaw**
Board Office / Administration / Sales



**Olszewskiego 21 St., Kielce (Kielce Technology Park)**
R&D / Production / Logistics

Warsaw

Kielce

www.didactix.pl

@didactixit

+48 797 985 670

@didactixit

biuro@didactix.pl

@didactix_it

www.didactix.pl