

Catalog of interactive solutions

Table of Contents

iSandBOX — Augmented reality sandbox	03
Floorium — Interactive Floor	10
Interactive Walls	
Jumper	15
Paints and Brushes	16
Ball vs. Wall	17
Living Drawings	18
Magic Wall 3-in-1	19
Astro Blaster	25
IceHook Interactive Air Hockey	26

iSandBOX

03

Augmented reality
sandbox



What is iSandBOX?

iSandBOX is an interactive sandbox that turns the sand surface into a colorful 3D play area that responds to every movement of the player. iSandBOX users play and learn in a universe that they build and shape with their own hands. iSandBOX software includes 36 interactive modes for education, entertainment and relaxation.

04

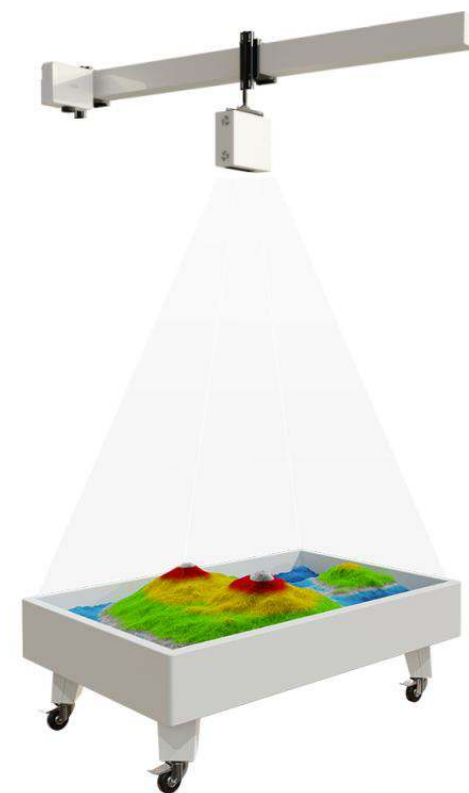
Where to use?

Education	Entertainment	Therapy
Kindergarten	Indoor playground	Occupational therapy
Elementary School	Children's museum	Rehabilitation center
Science Lab	HoReCa	Special-needs facilities
Natural Science Museum		

Watch video



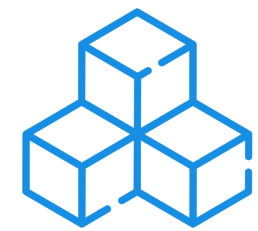
Models



	Standard	Mini	Special	Adaptive*
Size, l×w×h, cm	153 × 115 × 263	116 × 99 × 215	160 × 115 × 205	153 × 96 × 22
Weight, kg	113	90	200	75
Play area, sq.m	1.37	0.92	1.46	1.37

*Please note that the price does not include the sand container, which can be purchased separately

Advantages



Broad model range

We offer models for any purposes and rooms of different size



Quality build

iSandBOX is safe, vandal-proof and it allows the use of wet sand



Realistic simulations

Edutainment modes are based on true to life simulation models



Superior graphics

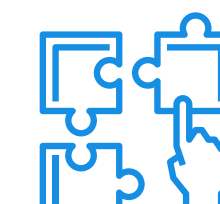
Colorful visualization makes iSandBOX much more engaging



Teaches new things



Facilitates socialization



Improves motor skills

iSandBOX

Add-on Modules

07



iSandBOX Living Drawings

Living Drawings add-on module includes a professional high-speed scanner and software. It turns your AR sandbox into a 2-in-1 device. Thanks to special technology, children's drawings "come to life" in the interactive sandbox. Living Drawings is a full-fledged game with a story, colorful 3D-graphics, and sound effects.

[Watch video](#)



iSandBOX Tabletop

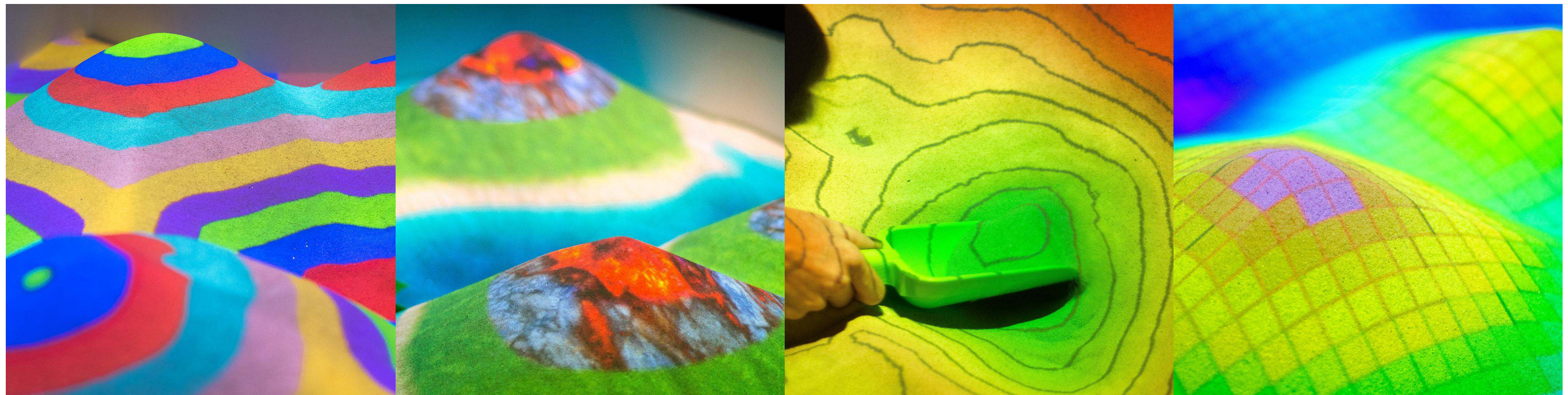
iSandBOX Tabletop is a sensory cover for your augmented reality sandbox that turns it into an interactive table. The software includes K-2 quizzes on various subjects.

iSandBOX Software

iSandBOX software ships with 36 edutainment modes:
26 are included in the basic package and 10 modes
can be purchased as an option.

Use these modes to create different educational and recreational
scenarios and let children get immersed in incredible, enthralling
stories of your own making.

08



Floorium

09

Interactive floor
with augmented
reality games



What is **FLOORIUM?**

FLOORIUM is an interactive floor, a novel solution that turns a regular floor into a play area with dynamic elements.

Thanks to the augmented reality technology, animated images respond to the players' actions. The floor turns into a big interactive screen with the game world.

FLOORIUM offers full-featured games with detailed scenarios and colorful graphics.



FLOORIUM Adaptive complete set

19 games + 22 effects

Play area size:

Unit elevation above floor: 2 m

Projection area: 4.9 m²

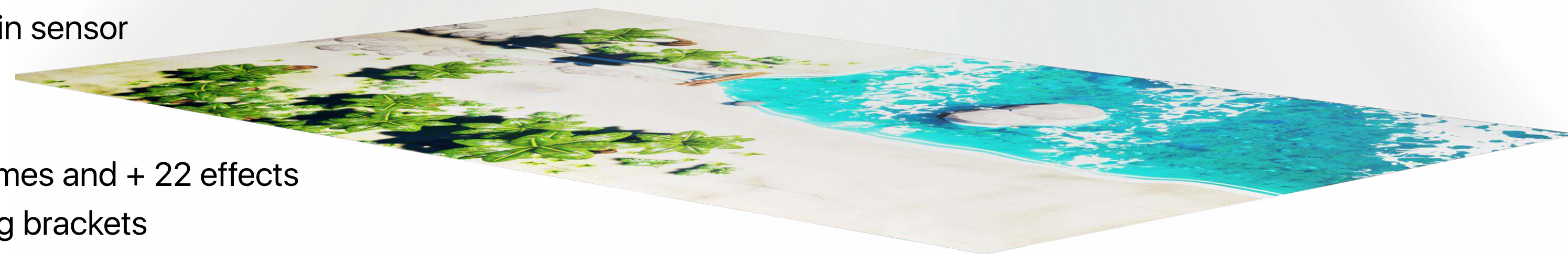
Projection dimensions: 1.73 x 2.83 m

Unit elevation above floor: 2.5 m

Projection area: 7.9 m²

Projection dimensions: 2.2 x 3.6 m

- Projector brightness 3600 ANSI lm
Resolution 1280*800
- Computer (AMD Ryzen 5, RAM 8 GB,
SSD 128), built-in sensor
- Control tablet
- Remote control
- Software: 19 games and + 22 effects
- Ceiling mounting brackets



FLOORIUM Adaptive X complete set

19 games + 22 effects

Image without blind zones thanks
to two projectors

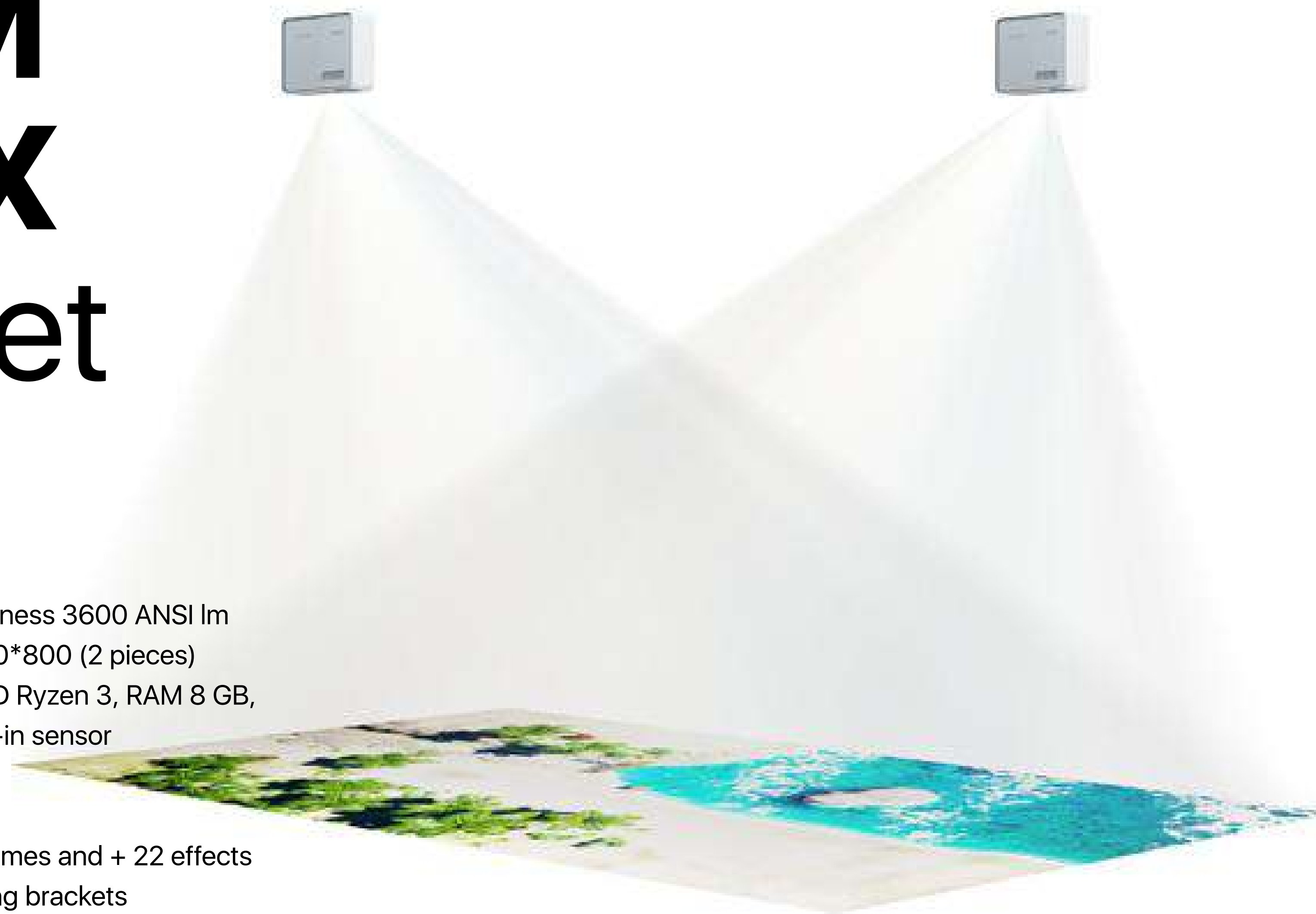
Play area size

Unit elevation above floor: 2.9 m

Projection area: up to 12 m²

Projection dimensions: 3 x 4 m

- Projector brightness 3600 ANSI lm
Resolution 1280*800 (2 pieces)
- Computer (AMD Ryzen 3, RAM 8 GB,
SSD 128), built-in sensor
- Control tablet
- Remote control
- Software: 10 games and + 22 effects
- Ceiling mounting brackets



Interactive walls with augmented reality games



Jumper

Interactive Jumper

14



Jumper

Jumper is an exciting attraction with a gym mat and an interactive projection to the wall. The image constantly changes and the player has to jump or squat to dodge obstacles.

What is included:

- Computer
- Sensor
- Multimedia projector
- Tablet

Players **1-3**

3 games

Projection area up to **14 m²**



Watch video



Paints and Brushes

Interactive wall
with coloring games

16



Paints and Brushes

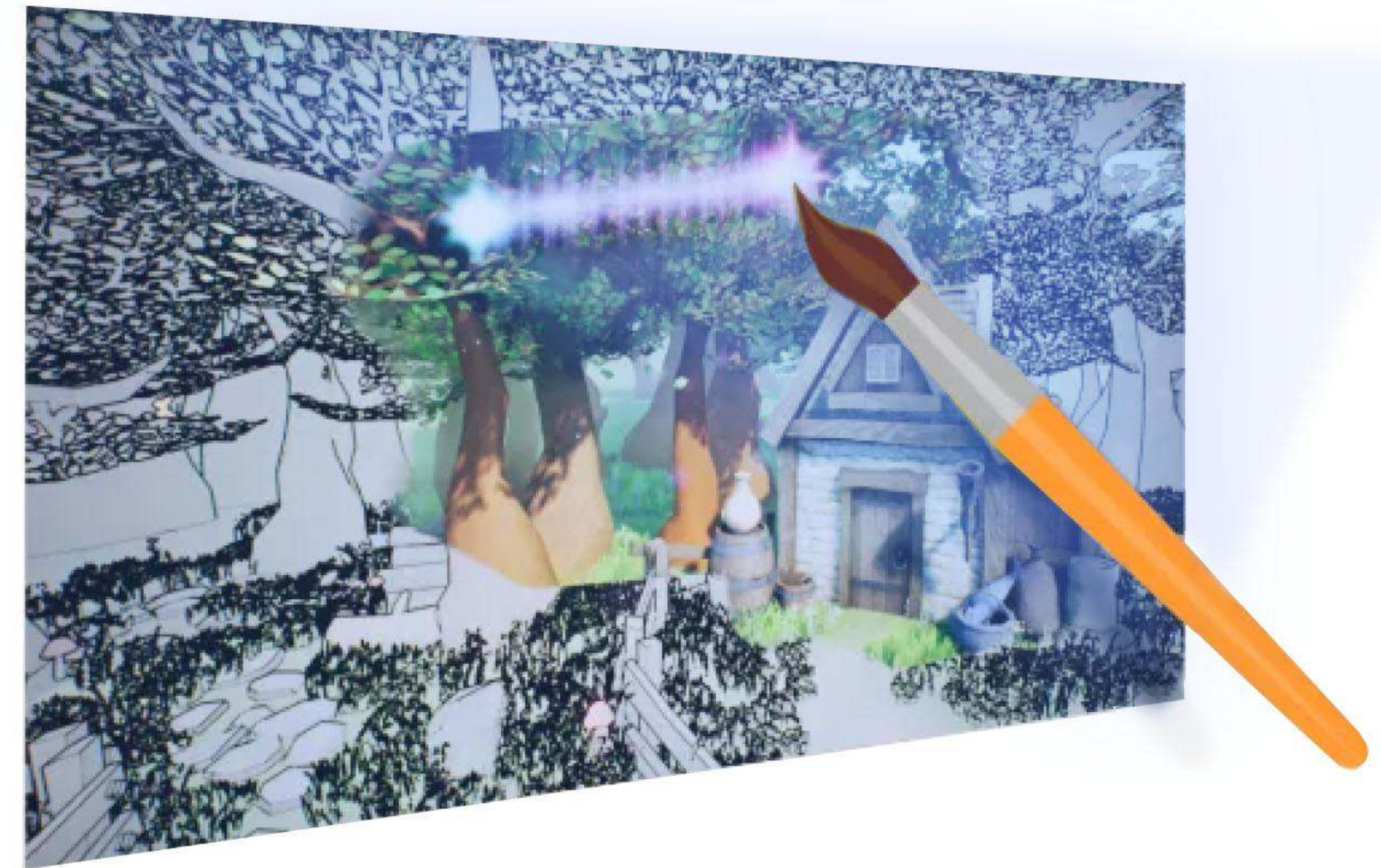
This interactive software turns a wall into a canvas with black and white sketches for kids to color. As soon as the image turns into color, the animation starts and the scene comes to life. With Paints and Brushes, it's not just the result that the children enjoy, but they get very excited about the game itself. Players see how the images gradually come to life from their touch, as if by magic.

What is included:

- Computer
- Sensor
- Multimedia projector
- Tablet
- 2 soft brushes

36 coloring modes

3 games



Watch video

Ball vs. Wall

Interactive throw wall



Ball vs. Wall

This interactive software features bright and vibrant images that immerse kids into educational play.

Children interact with the images by throwing or kicking balls into the wall.

Classes with Ball vs. Wall interactive wall have a beneficial effect on the central nervous system, relieve muscle clamps, and transform destructive aggression into constructive one. They also teach teamwork and promote socialization.

What is included:

- Computer
- Sensor
- Multimedia projector
- Tablet
- 10 soft balls

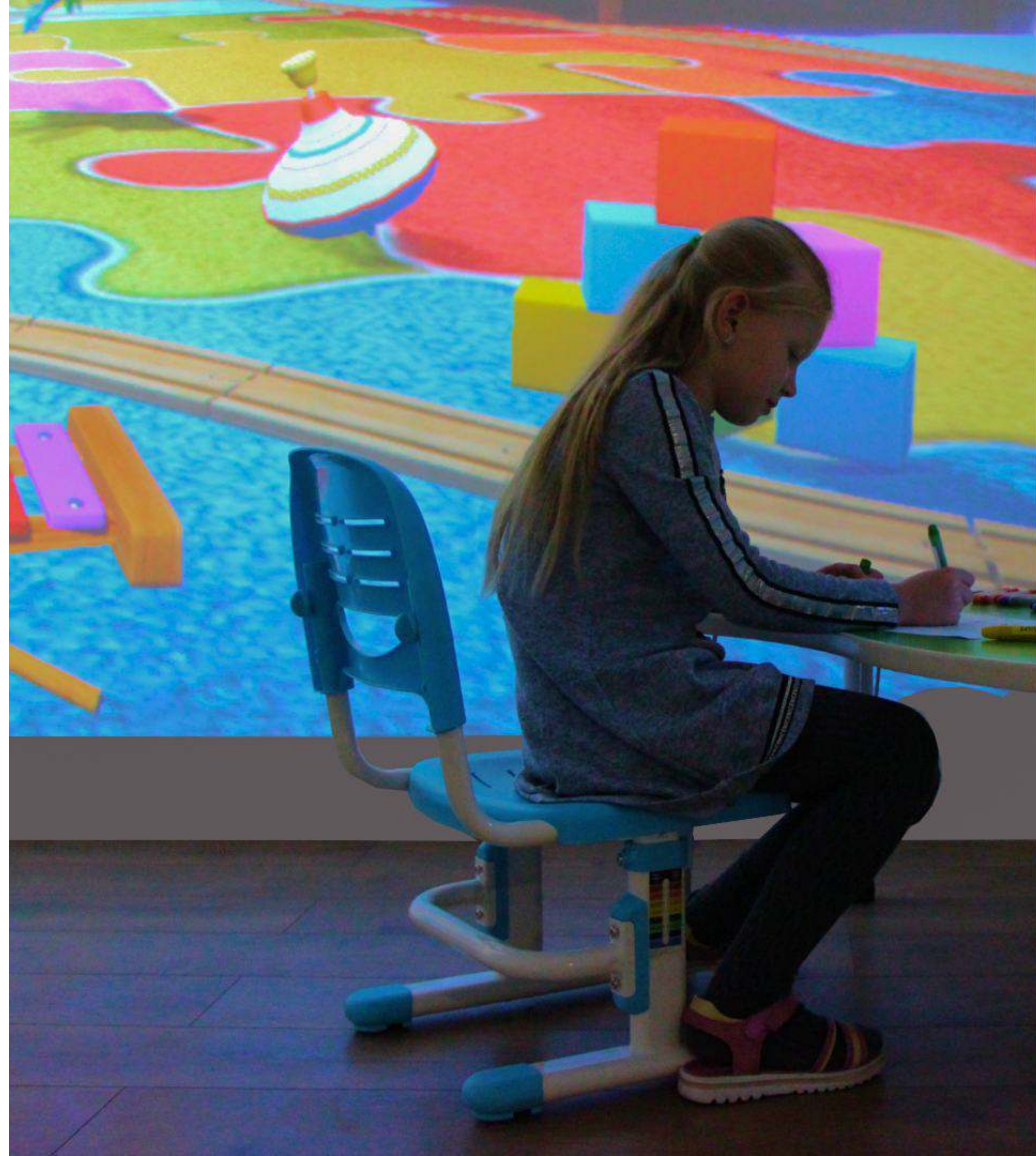


[Watch video](#)

Living Drawings

Interactive wall that
animates drawings

20



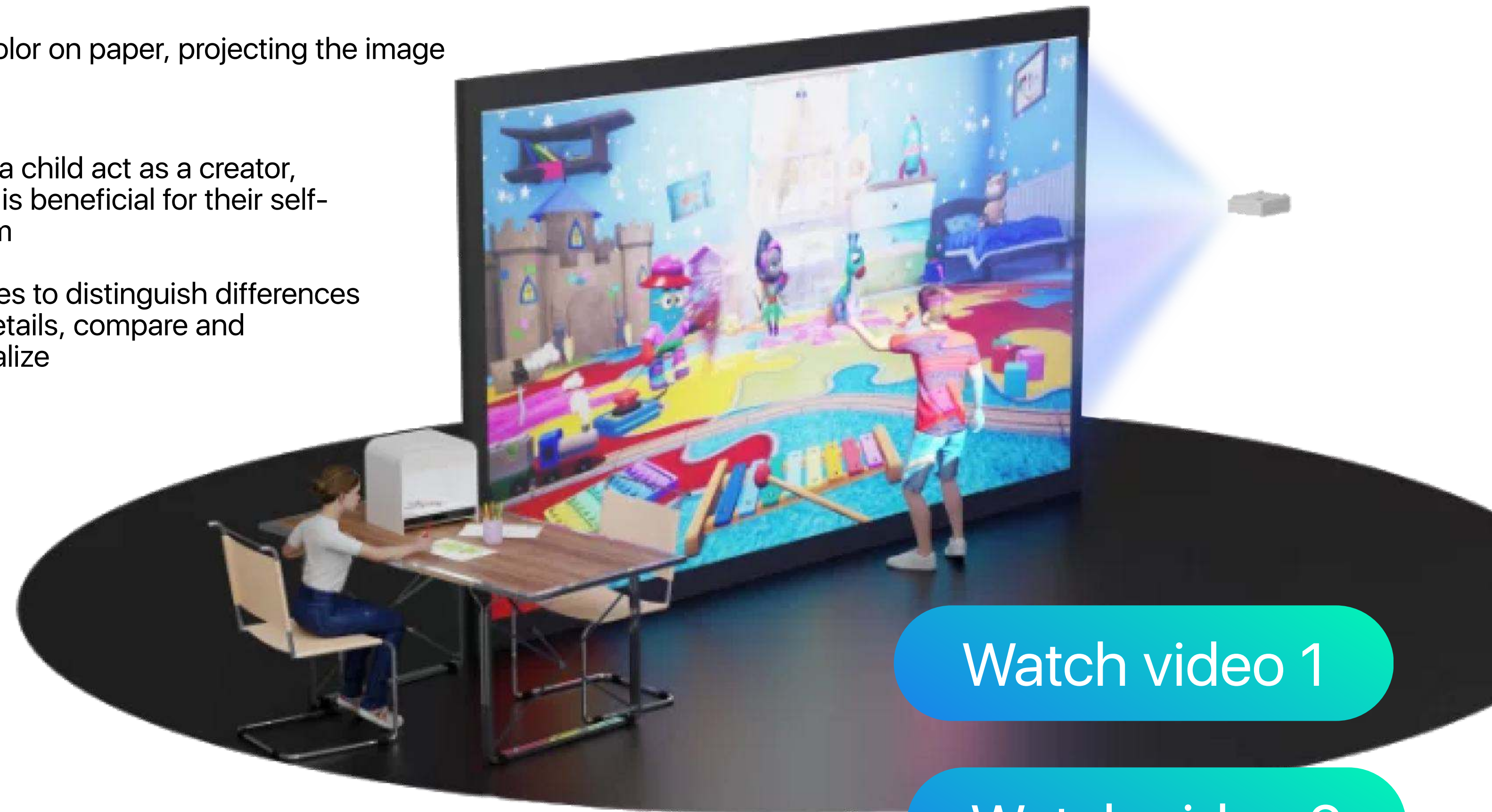
Living Drawings

Living Drawings animate the characters that children color on paper, projecting the image to the wall with the help of a special module.

- Stimulates cognitive abilities, speech, visual memory, and motor memory
- Develops spatial thinking and imagination
- Develops fine motor skills
- Helps a child act as a creator, which is beneficial for their self-esteem
- Teaches to distinguish differences and details, compare and generalize

What is included:

- Computer
- Sensor
- Multimedia projector
- Tablet
- Scanner



[Watch video 1](#)

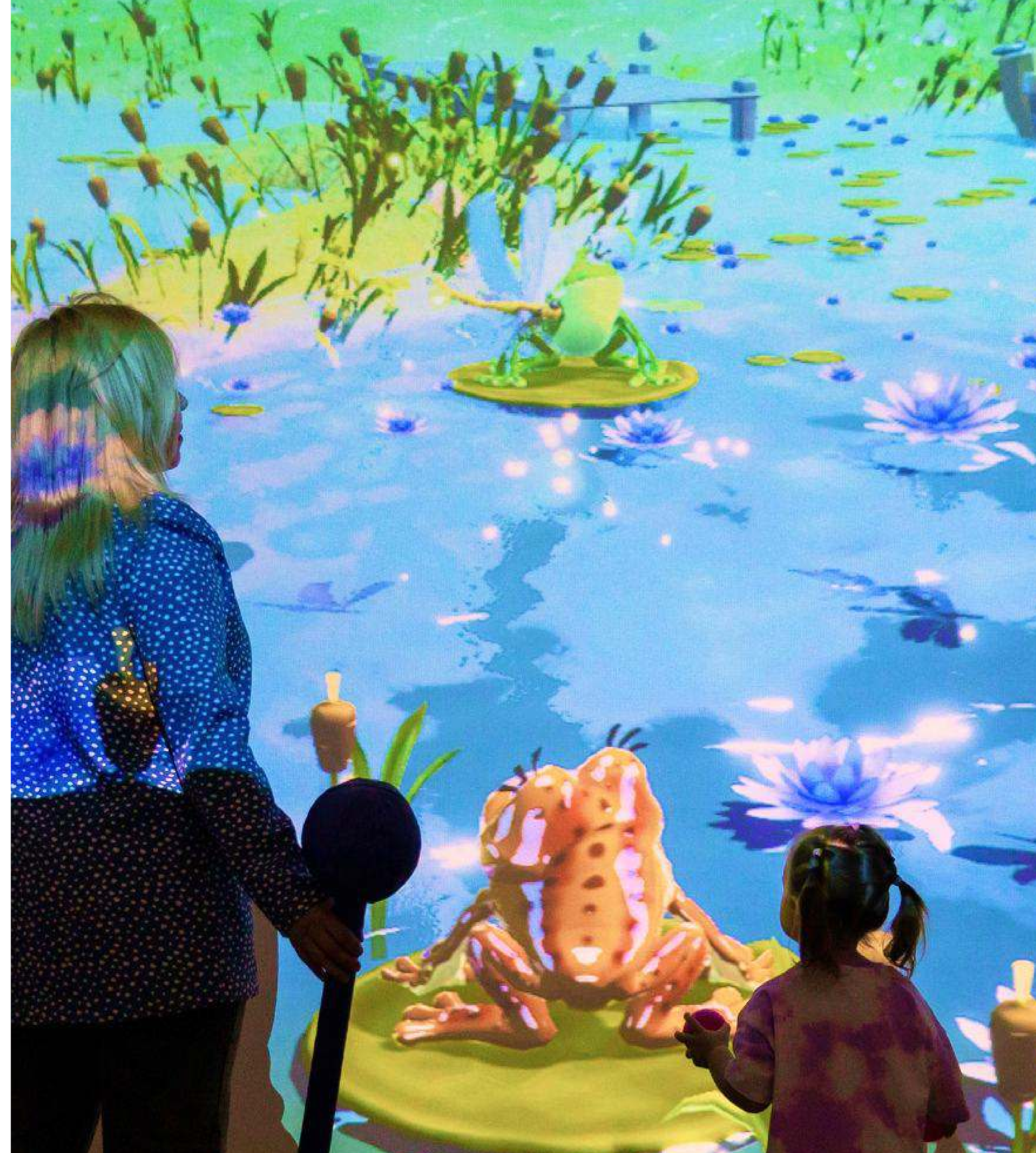
[Watch video 2](#)

2 game modes "Toys" and "Digital Aquarium"

Magic Wall

3-in-1 package

22



Magic Wall

Interactive wall 3-in-1

- Paints and Brushes
- Ball vs. Wall
- Living Drawings

More value,
more fun

Three interactive
walls in one
product



Watch video

Magic Wall

What is included:

- Computer
- Sensor
- Multimedia projector
- Tablet
- Scanner
- 2 soft brushes
- 10 balls
- Software:
 - Paints and Brushes
 - Ball vs. Wall
 - Living Drawings



Projection area up to **14 m²**

Astro Blaster

Interactive shooting games

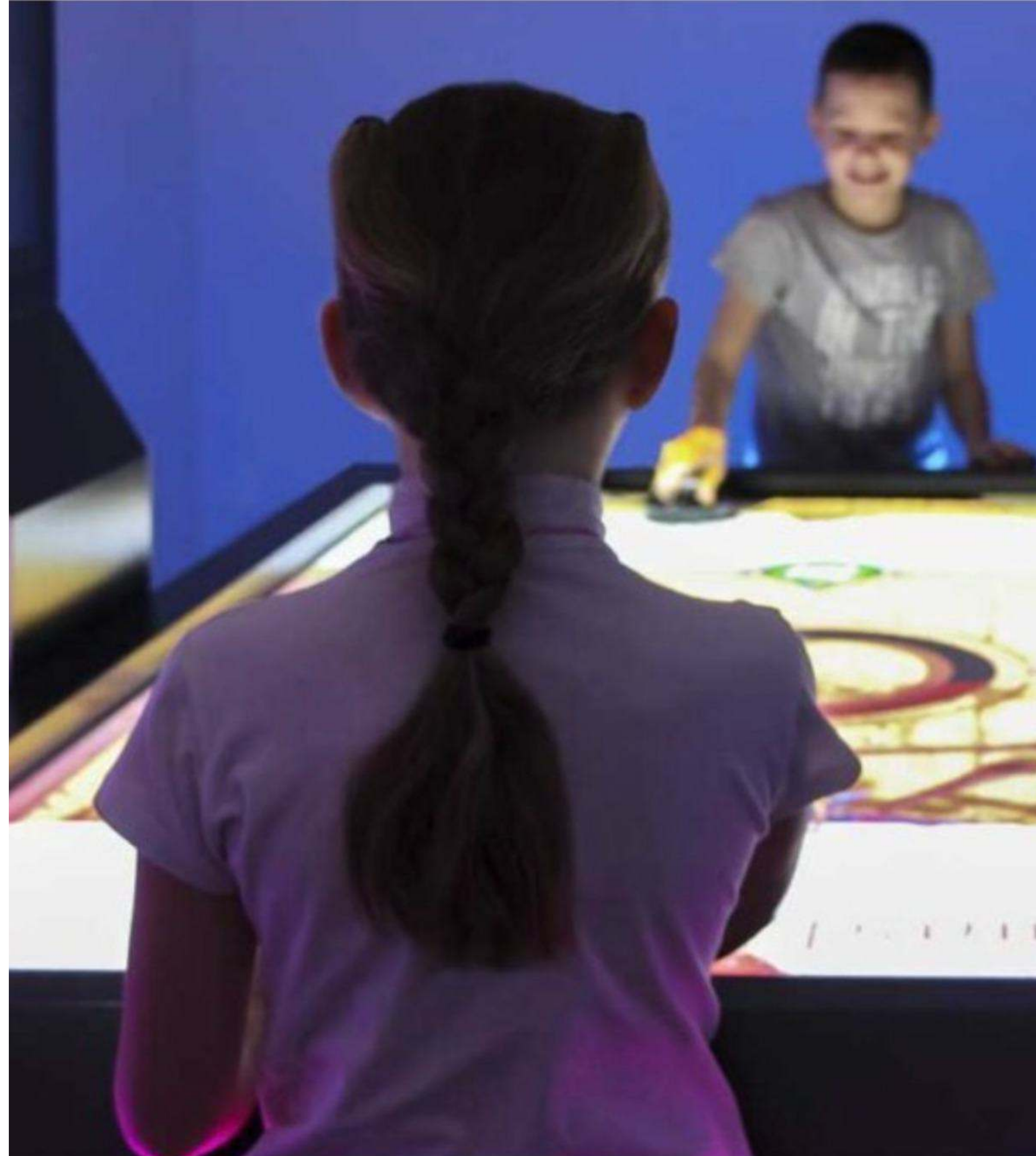
25



IceHook

Interactive Air Hockey

27



Astro Blaster

Astro Blaster is a device that transforms ordinary walls into an interactive space for active play. Kids have fun and develop new skills as they play.

The Astro Blaster games have a positive effect on physical development, transforming destructive aggression into constructive one.

They also teach teamwork and promote socialization.

What is included:

- Computer
- Sensor + camera
- Multimedia projector
- Tablet for control
- Laser blasters 2 pcs.

Projection
area up to **14 m²**
5 games



[Watch video](#)

IceHook

ICEHOOK Interactive Air Hockey combines traditional air hockey with mechanics from popular computer and mobile games. Augmented Reality technology creates a completely new experience of our favorite game.

A colorful scene is projected onto the field and moving AR objects interact with the mallets, puck and goal. Power-ups include mystical heroes, ammunition, flying arrows, etc.



What is included:

- Intel Core i3, 8 GB RAM, SSD 120 GB
- Laser projector (1280x800), brightness 3400 Lm
- Acoustics: 4 speakers 45 Wt
- Play field with sensors
- 21" (53,34 cm) display
- Accessories 2 mallets + 10 pucks

5 games

[Watch video](#)

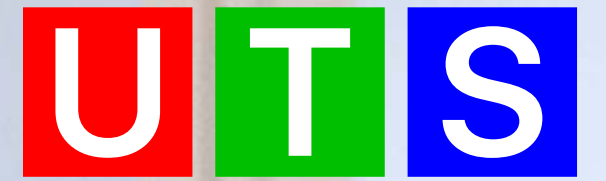
About UTS

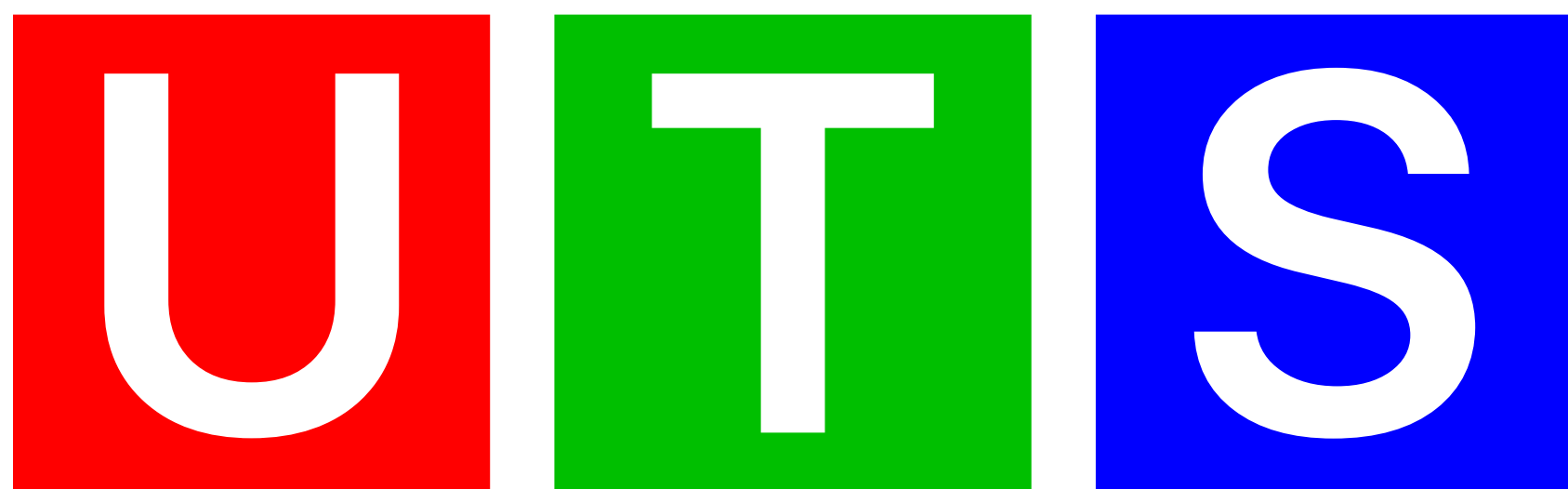
Step into the future of entertainment and education with UTS

For more than a decade, we have been a leader in creating interactive devices that captivate and engage. Our mission is to make learning irresistibly entertaining, and we achieve this by combining cutting-edge software with efficient hardware to bring a new and invigorating perspective to education.

At UTS, we believe that learning should be more than just acquired – it should be experienced!

present in **60 countries**
19 partners globally
over **2000 iSandBOX** units sold





Contacts

Odrin Street, 2, fl.1, 8001, Burgas, Bulgaria

+359 56 940 425

world@utsplay.com

