



VISIMOTE

NATURAL REMOTE CONTROL BY GESTURE

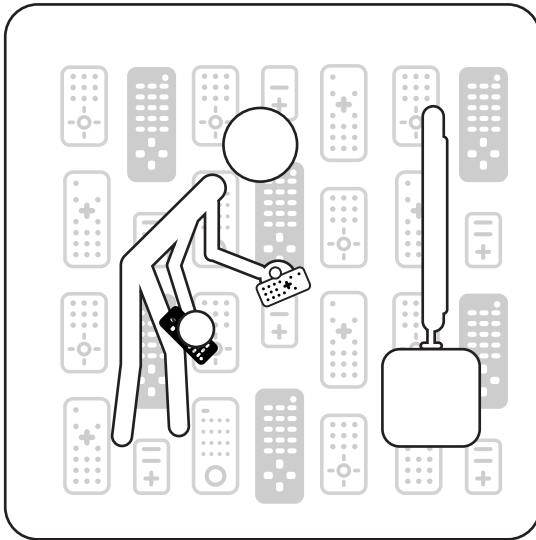
2018

visimote.com

**Open your hand and
be in control**



What we want to change



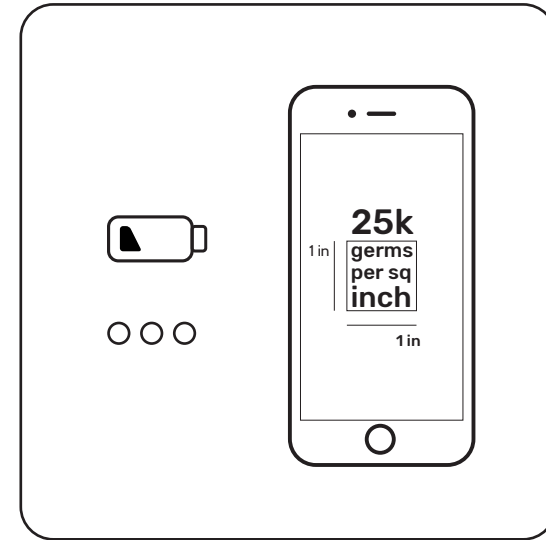
Too many remote controls

Each device has its remote with its own interaction complexity.



Losing the remote control

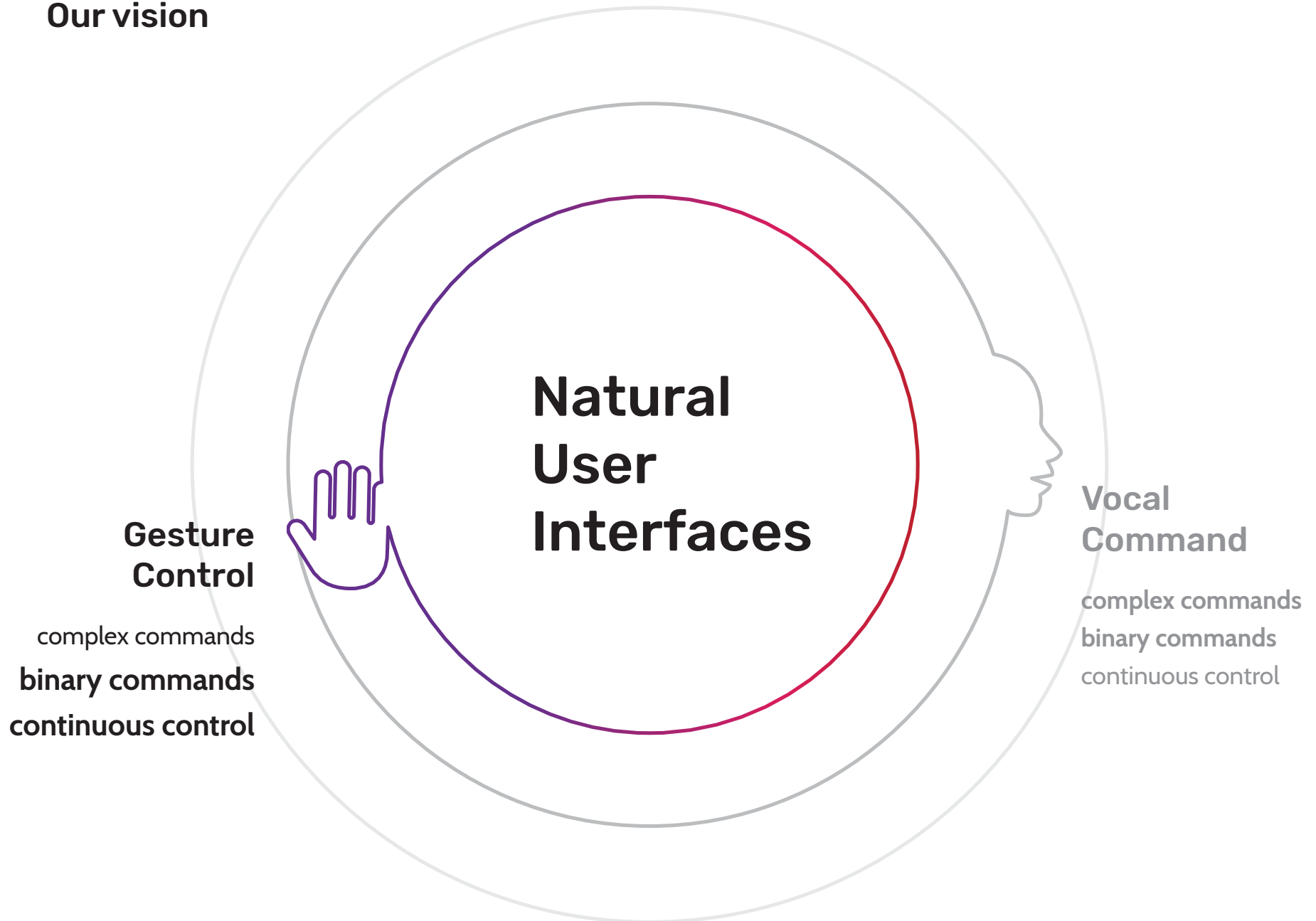
Looking for the remote behind the sofa or trying to find the right keys in the dark can be so frustrating.



Low battery, germs & others



Our vision





Gesture control

Competitive environment

Gesture control technologies are eventually emerging, in various market segments. 2D computer vision is the most cost efficient and well-suited technical frame for remote controlling with higher range and broad daylight capability.

3D computer vision



Games



Touchless
control



VR

Brands

Primesense
SoftKinetic
Pebbles

2D computer vision



PCs,TVs



Selfie trigger



Universal
controller



Drones

Brands

Pointgrab
Eyesight
DJI
Visimote



Our solution

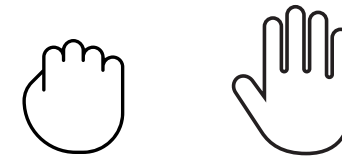
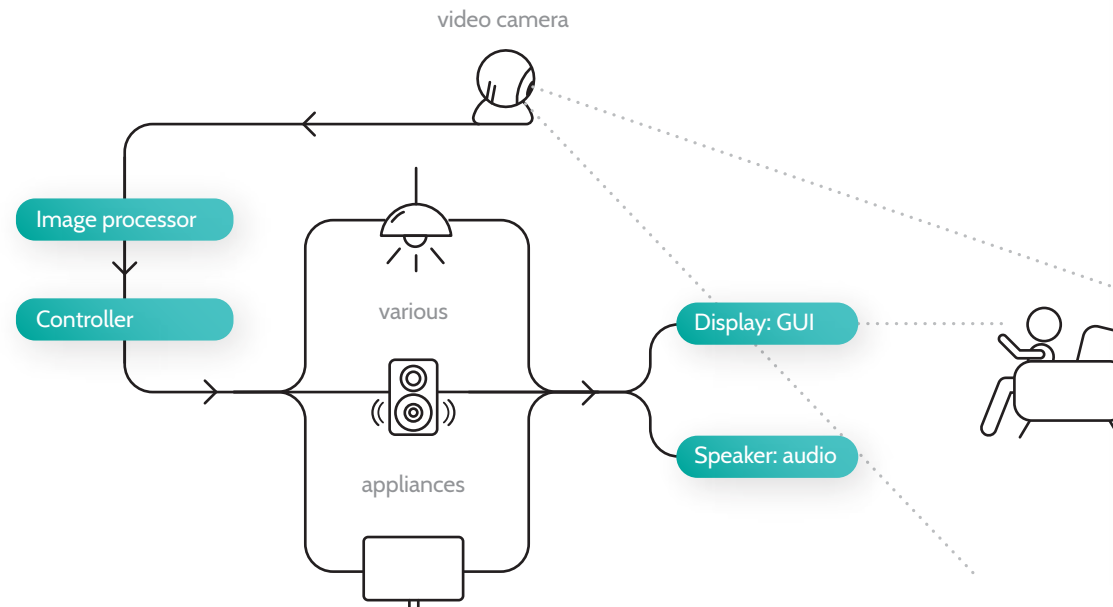
Visimote

A gesture,

A video camera.

An image processor.

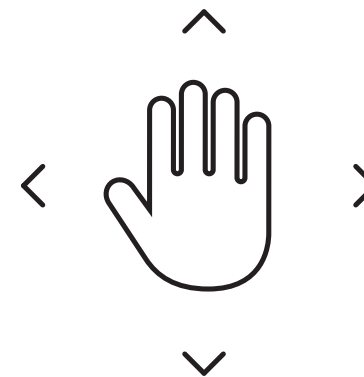
A wide range of appliances



A

B

Key gestures





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A powerful detection kernel



Phoenix

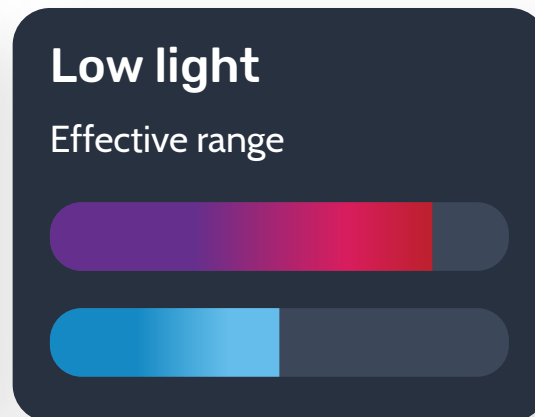
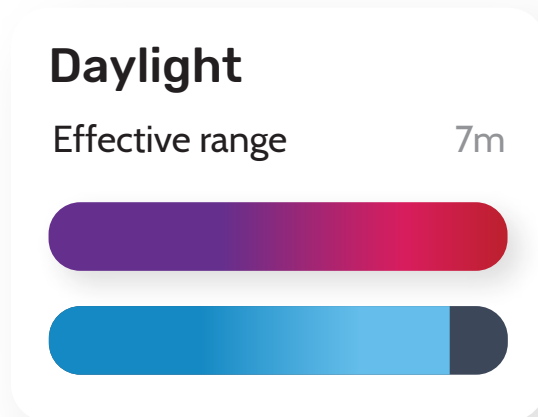
A high performance open hand detector and tracker.

The open hand

Unambiguous gesture associated with control.
Redundant information for low light detection.
Precise positioning.

Continuous control ability

	Visimote	✓ YES
	Key competitor	✗ NO





Visimote

Demo software to prove performance



Mirror

Gesture tutorial

Camera
positioning



System volume

Continuous
volume control

Various GUIs



Youtube

Volume,
scrubbing, play
speed

Circular *gearbox*
for context change



VLC

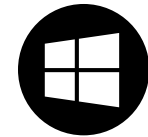
Volume,
scrubbing, play
speed

Circular *gearbox*
for context change



Presentation

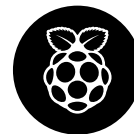
Discrete or
continuous slide
change



Windows 7-10



Mac OS



Raspberry Pi3



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Deployment options

Software

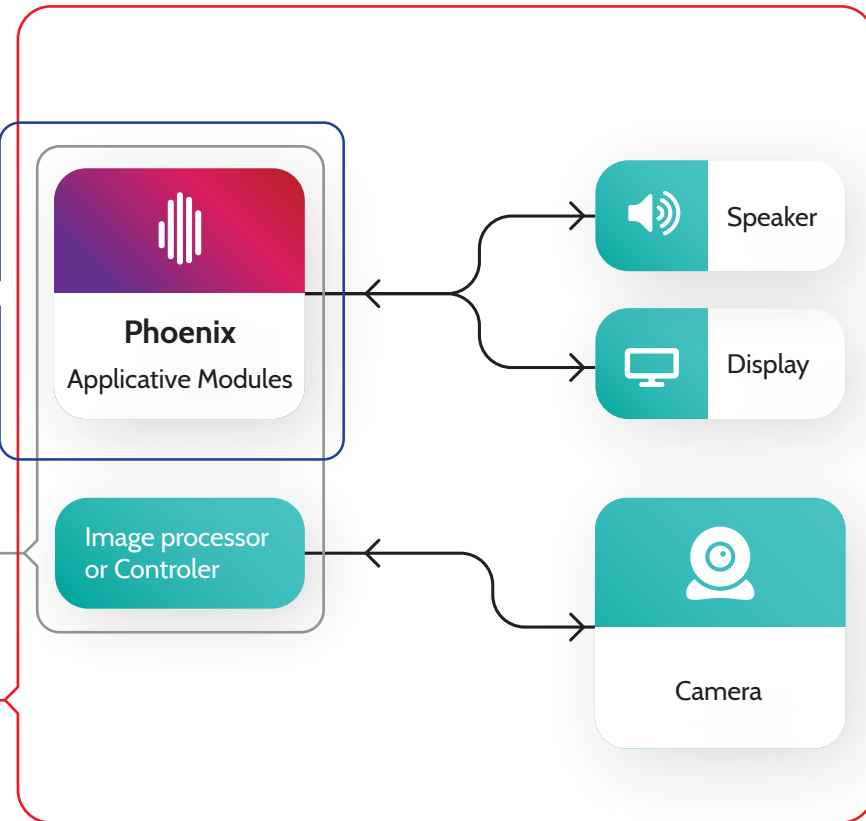
Detection kernel and applicative modules

Computation module

Image processor and control box + I/O

Completely integrated hardware and software

All functional elements, including, camera and interfaces





Visimote

So many uses

Visimote is a generic gesture control technology that can be used for a wide range of applications, indoor and outdoor.



PCs, tablets & smartphones



Operating systems or software suites



Smart TVs and set-top boxes



Universal controller



High-end audio & lighting systems



Opening and closing systems



Digital signage, connected mirrors



Interactive devices



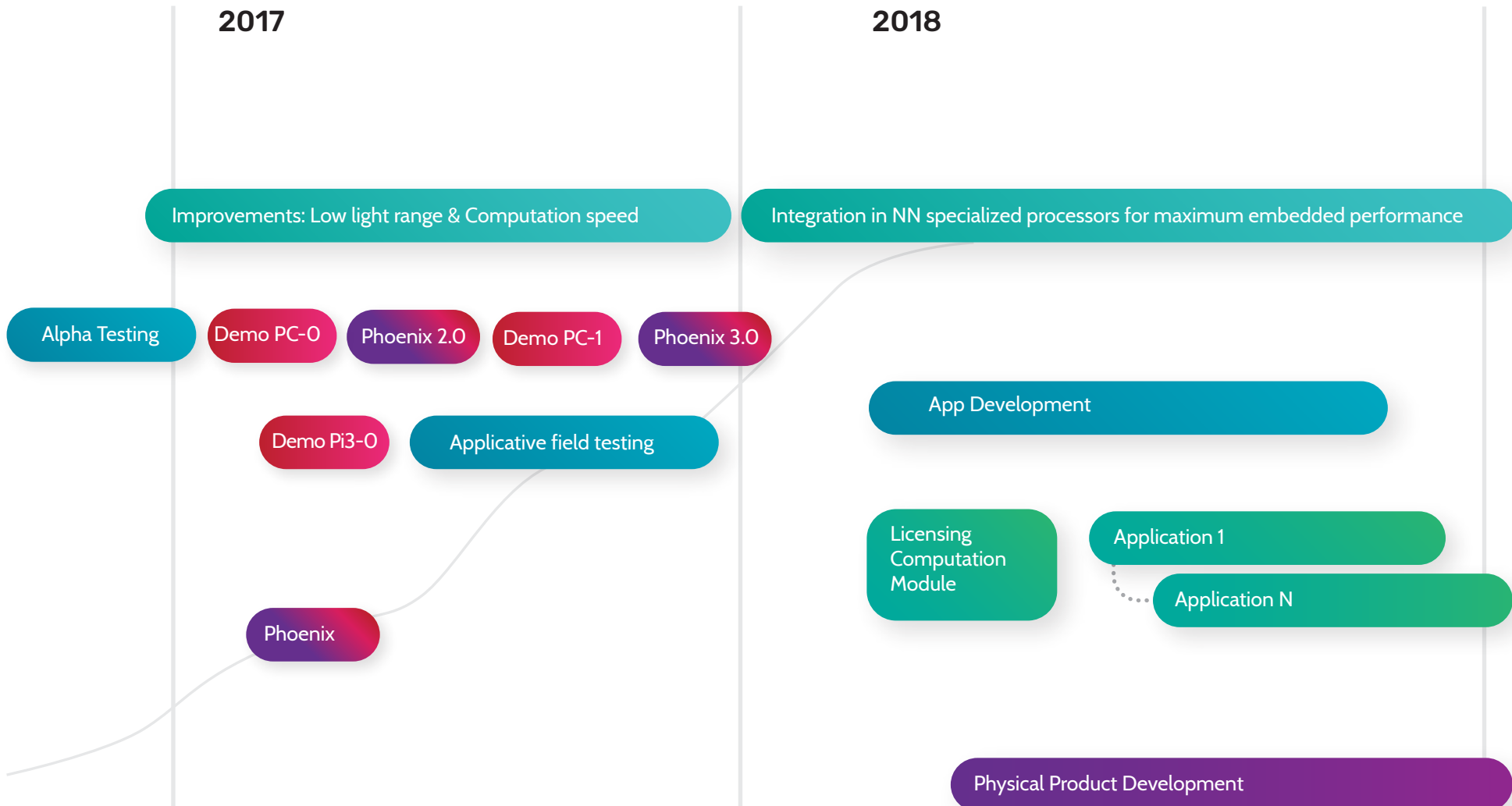
Autonomous robots & drones



Safety or security equipment



Our roadmap





Visimote

In short

Natural remote
control by
gesture

2D computer vision based
technology

Best-in-class in low light

Innovative and functional
demos

Easily portable

Backed by a US Patent till
March 2024



Visimote

The creators

Visimote development was initiated by Bruno Delean. To make it real a team of product development, IT and AI experts has been assembled. And they did it.



Bruno Delean

Designer of VSP technology and founder of Live Picture Visimote Co-founder



Angelos Germidis

PhD in physics, Product management and development Visimote Co-founder



Mihai Trăscău

PhD (pending) in Computer Vision and Artificial Intelligence



Andrei Nica

MsC, Computer Science PhD student in Artificial Intelligence



Alex Gavril

MsC student in Artificial Intelligence

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