



# ikes

INSPIRING KNOWLEDGE EDUCATION SOFTWARE



## LabCamera

*is a web camera based natural science exploration and data logging laboratory*

The software has several very easy to use functions. Students can use it in class or even on their homework, but it also encourages independent experiments that can be carried out effectively, giving further boosts to Science-based subjects. It is a cost-effective way to enhance STEAM curriculum and promote scientific inquiry.

**LabCamera** arouses curiosity about the surrounding world and ignites creativity in how you explore it.

- Enhances project-based learning
- Works across different subjects
- Develops higher-order skills

## Main features:

### Time Lapse

Helps to observe and better understand the slow processes in nature.

### Kinematics

Allows tracking of the horizontal and vertical movement characteristics (displacement, velocity, and acceleration) of one or more objects in real time.

### Motion Cam

Makes a recording when it detects movement in front of the camera.

### Microscope

Allows to carry out microscopic measurements and also to perform any kind of measurement when a reference value is available (ie. the moon's diameter).

### Universal Logger

A unique, real time, data recognition module that can register real-time readings of any instrument that has digital, radial dial or liquid in glass display.

### Pathfinder

Works as a motion density map. The more movement occurs, the more colored the attended trails get on the screen.

### Graph Challenge

Play with curves and learn representation of movement in a coordinate system.

## ikES powered by jp.ik

For more information, please contact [sales@jpik.com](mailto:sales@jpik.com)

Some software features may not be available depending on the hardware and Operating System of the device.

