

In 2021, Physalis Labs became part of the world's tele-robotics developer community, which now encompasses research site and broad scope associates, offering a portfolio of technologies, products and services to create the future of Human-Machine-Interaction and Tele-Robotics. Part of that portfolio is Physalis Labs patent pending and widely tested hardware Engine, the roboDrive (scalable and easy to use technology), which brings intuitive automation, precision and speed to every lab, allowing scientists to optimize remote testing and hazardous applications handling workflows and accelerate their research in a range of applications.

Partner with us, or just Get in Touch!

Richardstrasse 110, 12043 Berlin, Germany
Hans-Marchwitza-Ring 21, 14473 Potsdam

Telefon: + (49) 176 870 952 92
Website: www.physalislabs.org
E-Mail: purchase@physalislabs.org



Scalable Automation
for your application.
Affordable and
Adaptable.



Welcome onboard Pilot !

Have you ever imagined yourself piloting a real robot or a land-drone? Have you ever imagined how it feels to see through eyes of robot vision? Or gain access to areas without compromising yourself or putting yourself into danger?

Have you ever imagined how it feels to stretch robot arms as you would stretch yours?

How it will make you feel the world? Continue being present and work while you are thousand miles away at home, or at work desk.

Kenji-X1 Tele-Robotics platform enables new horizons of Human-Machine Interaction, and interacting with the real-world: both in reality and virtually. It is a highly adaptable robot, to allow unlimited freedom and flexibility.



It's truly modular platform that embraces automation, active monitoring and terrain exploration.

Thanks to its unconstrained design and modular structure, Kenji-X1 can be reconfigured in minutes according to the application's demand. It brings a flexible hardware base, high degree of customization and built-in sensing systems, which in fact, can be utilized for real-life measurements on the field or in lab.

With an uptime of more than 6 hours, the pilot has access to high-power mechanized arms, onboard LIDAR, distance sensors, environmental sensors to start deploying and generating real-world data right away.

Scalable and Adaptable

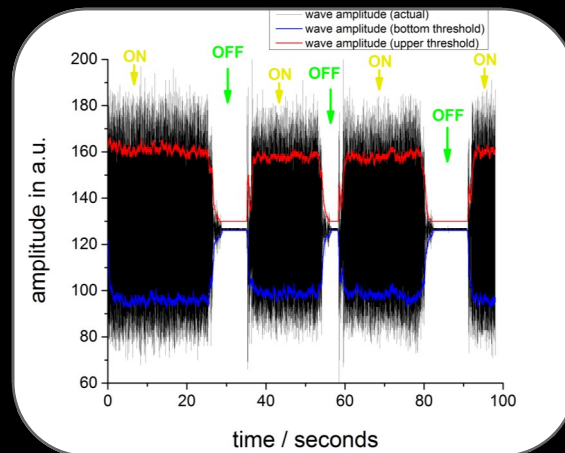
With Kenji-X1 you can scan vibrations, do simultaneous mapping and localization, and obtain environmental data (temperature, light intensity, air quality and more) right out of the box.



User still has an option to add external Instrumentation up to 5 kg including the 2 x manipulators, rechargeable battery backpacks, or computation modules for 3D scanning to name a few.

At its core Kenji-X1 consists of combination of modules which together form its personality.

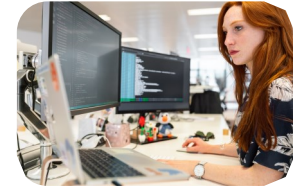
Indeed it's up to the user what configuration Kenji-X1 will have.



Work Remotely via Tele-Presence

No matter which field you are coming from, we've got your back! Now you can run dangerous chemical/Physical tests inside the reaction chamber directly from your home-office.

Kenji-X1 will handle the dangerous and hazardous tasks for you. Do you need extra hands to run the test?, while presenting



your discovery to public? We've got your back here too! Stream live or share your game-changing scientific findings to the world remotely via tele-presence, while working directly in real-time. It's possible with Kenji-X1.



If you need custom built modules? Or any specific measurement system tailored towards for field of study? Don't have the time, or resources to do it by yourself?

We've got your back here too!

Let us know, what additional measurement system you would need, and we will produce it for you. And with all that above, only thing what's left for you, to attach it, fire-up the engines and start generating data right-away.

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