



### MotionCam-3D

The MotionCam-3D is the highest resolution and highest accuracy area-based 3D camera in the world for consistent scanning in rapid motion. Based on Photoneo's patented technology called "Parallel Structured Light", implemented by a custom CMOS image sensor, the Camera is able to capture objects moving as fast as 40 m/s and shoot at up to 20 FPS. The system processes ~15M 3D points per second, providing sub-millimeter precision. Thanks to ambient light suppression, the technology works also in challenging light conditions, with no motion blur. With Photoneo's novel approach, multiple Cameras can be used to capture a moving scene from different viewpoints and create its complete 3D reconstruction.

### Phollower 100

Photoneo's Phollower 100 is a universal mobile platform for transport and delivery of materials in warehouses, factories and hotels. It is able to carry up to 100 kg/ 220.5 lbs and pull up to 350 kg/ 771.62 lbs of payload. The PC / tablet responsive web interface enables remote controlling with a joystick. It is very simple-to-use, flexible and reconfigurable, with easy real-time operation and navigation, including via elevators. The surrounding environment is being checked 33 times per second and the system is able to detect obstacles every 30 ms with a minimum width of 30 mm. Other features include online troubleshooting, instant map redrawing, custom trajectory curves, station points, cyclic or dynamical move plans as well as reversible movement. No floor marking tapes are needed.



### Augmented reality - a revolution in marketing and business

SLOVENSKO AR offers innovative solutions in marketing, business and work simplification using augmented reality (AR) and application **YouMeAR**. YouMeAR is an application compatible with both IOS and Android operating systems.

AR is able to arouse curiosity, emotionally affects the user, provides an amazing experience and thus encourages the consumer to buy. It simplifies the work of architects who can bring digital elements to their clients real home environment in 3D form. Video instructions or video tutorials in AR facilitates work in the workplaces. Its content is targeted and the ability of linking the content with web sides eliminates further internet searches.

Compared to other business and marketing tools, AR has the advantage of being more memorable.



To keep up with the increasing trend of self-driving technologies being used in the field of motorsport racing, FS organizers created a new category named **Driverless**. To successfully pass most of the disciplines, the formula must be able to detect a racetrack determined by cones and finish it on its own, without any human intervention.

To achieve that, the formula is equipped with specialized hardware, ranging from various sensors including, but not limited to IMU, lidar, stereo camera, which are all responsible for capturing road data and state of the vehicle. To deal with so much data, state-of-the-art algorithms must be first designed and then implemented inside of modular modules, allowing for fast iterations, while connected together with reliable framework supported by high processing power underneath.

You are welcome to come and talk with members of our team, while having the opportunity to check out modern technologies.



The ISA is a non-governmental non-profit organization established by a group of leading global and regional firms with key competencies in supporting new and existing investors in all areas of their activities and actively promoting Slovak Republic as an investment destination as a country of choice. The ISA since its establishment in 2011 has been actively assisting the investors in a closely cooperation with SARIO.

Our members are leading companies in their respective fields, and ISA is able to offer a broad range of services through our members thanks to their expertise.

Experience from the neighboring countries shows that similar organizations can in the long run improve the competitiveness of the country and its position on the international investment map.

<http://isa-association.sk/sk/>



Smartech Solutions will **provide free consultations** on super-deduction of costs of research and development during the entire event.

Consultations will focus on how to support cooperation between private businesses and:

- public universities,
- state universities,
- Slovak Academy of Sciences,
- legal entities doing research and development established by central government bodies by means of super-deductions.

In addition, participants can also get an advise on how to include services from companies in the super-deduction by means of a certificate of competence to carry out research and development.



It is an innovative, certified, **premium marine collagen** manufactured in Slovakia from the finest French ingredients, containing a triple combination of collagen proven to be the most effective combination for beneficial effects on health and beauty. Products are pure, free of any synthetic dyes, very soluble, and free of fish smell. Halal and kosher certified.