МАТЕРІАЛИ

VIII МІЖВУЗІВСЬКОЇ НАУКОВО-ПРАКТИЧНОЇ

КОНФЕРЕНЦІЇ

ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ

КАФЕДРИ ІНОЗЕМНИХ МОВ

"TO LIVE IN A SAFER WORLD"

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In future their use will lead to miniaturization of various microelectronic devices.

THE EYE TRIBE TRACKER WILL CHANGE THE WORLD

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The Danish company The Eye Tribe presents their last invention called the first device for inputting information with help of the human's eyes, which is really suitable for the mass use.

The Eye Tribe Tracker system consists of special software and hardware. The last is a sophisticated electronic device that looks like a small oblong dull black plate, connected with the PC by the USB cable.

The Eye Tribe Tracker has been created to improve "mutual understanding" between the electronics and the man with the help of technology, which will allow managing mobile devices and even computers by the eye movements. The control commands, of course, are based on the eye direction. This way you can control your music, manage the game, keep files under control, etc. The Tracker's field of use is very wide. Besides, this technology can be very useful for disabled people.

The price of the version of The Eye Tribe Tracker system, designed for the using in the environment of the operating system Windows, is only 99 dollars.

But there is A Software Development Kit for the software developers, which greatly simplifies the integration of The Eye Tribe Tracker system capabilities into the functions of existing and newly developed software, including computer games. The self-taught programmers with its help will be able to adapt existing interface of lots of applications, and talented professionals will create a lot of fundamentally new methods of control electronics by the eye

movements. Developers say: getting the coordinate data on the screen, where a man looks at a particular moment, requires adding only ten lines of code.

Accordingly, The Eye Tribe Tracker can be used for everything: beginning from web-surfing to complex projects, like tactic computer games with many commands and settings.

But there is some disadvantage – you have to choose the screen size about 24 inches to make the devise work correctly. Otherwise the problems with tracking movements of the pupils at low amplitude appear. But this is compensated by the small price.

The gadget is compact and has dimensions of $20 \times 1,9 \times 1,6$ cm and a weight of 70 g, it is convenient to use in everyday life or offices.

The team has been taking pre-orders for Eye Tribe Tracker since early September.

The company presented its invention in Berlin in the middle of October 2013.