



CVS

COMPUTER VISION SYSTEMS

***ViEye – the passive gesture
recognition technology***

*Saint-Petersburg
2012*



ViEye ? What is it ?

✓ **Passive Technology**

✓ **Motion Detection**

✓ **Distance Measurement**

✓ **Gesture Recognition**



Variety of raw detection distances

- ✓ *Embedded mobile solution – from 2 to 40 cm*
- ✓ *Smart-house, gesture control, gaming solution – from 40 to 400 cm*
- ✓ *Automotive solutions – distance up to 100 m*



Computer input applications

- ✓ *Virtual Mouse
(Virtual multi-touch zone)*
- ✓ *Virtual Keyboard*
- ✓ *Integration with existing multi-touch software*



ViEye SmartTV

- ✓ **Switch channels – horizontal swipe**
- ✓ **Adjust volume – vertical swipe**
- ✓ **On-screen keyboard**
- ✓ **Control integrated browser**
- ✓ **Support standard iPad-like gestures**



Look at your mobile in 6D!

- ✓ User friendly control of any 3D screens, being retinal projected
- ✓ ViEye natural input for a wearable PC





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