



FACT SHEET

Vuzix Technology

Research and Development

Near-to-the-eye virtual displays and micro display technology are relatively new technologies. Vuzix Corporation places a strong emphasis on research and development, and as a result has developed a significant and constantly expanding patent portfolio. Currently, Vuzix holds 62 patents issued and pending covering its personal display and Video Eyewear technology.

Vuzix' Solution to the Optical Challenge

Today's display technology is almost universally based on direct view screens where the user's eye looks directly at and is focused on an illuminated screen. The smaller the screen size, the fewer details the human eye can detect. Consequently, most of today's portable electronic device screens are either bulky and large offering high resolution or small offering low resolution.

Vuzix' Video Eyewear solutions address the limitations of the existing direct view screens by providing readable large screen information and high image quality in a pocket-sized package. Vuzix achieves this with a combination of proprietary and patented technologies including:

- Critical optics technology that enables low-cost, small form factor solutions
- Advanced display technology
- Mobile computing devices
- Mobile user interface technology
- Low-power electronics
- Application specific integrated circuits (Asics)
- Motion tracking systems
- Vuzix 3D Stereoscopic display technology
- Software drivers and software applications

These technologies as well as a large portfolio of software and firmware have combined to create the most advanced Video Eyewear solutions in the consumer market. Compared to direct view displays or any other head-mounted displays they offer superior price and performance in terms of luminance, field of view, optical range of visibility, power efficiency, contrast, and design compactness.

CONTACT:

MEDIA CONTACT
Greg Mondshein, Max Borges Agency
305 576 1171 x 22
gregmondsein@maxborgesagency.com

VUZIX NORTH AMERICA
Mike Hallett
585-359-7572
mike_hallett@vuzix.com

VUZIX ASIA
Wilfred Victoria
604-780-0582
wilfred_victoria@vuzix.com