



## Vuzix Announces Plans for SMART Glasses Technology - Holy Grail of Wearable Display Industry, See-Through HD Glasses in a Designer Sunglasses Form Factor - at CES 2012



*See New Vuzix SMART Glasses Technology in action at CES – Central Hall Booth #13646*

**LAS Vegas – January 7, 2012** – Vuzix Corporation (TSX-V: VZX, OTC:BB: [VUZI](#), FMB: [V7X](#)), [award-winning manufacturer of video eyewear](#), is excited to unveil SMART Glasses Technology - Integrated HD display engines and waveguide optics that literally break the boundaries of conventional optics and display solutions. For decades wearable displays have been referred to as Head Mounted Displays because of their bulky size and odd appearance; primarily attributable to the displays and conventional refractive and or reflective optics that they employ. This older technology is limited by the laws of optical physics that result in form factors that are large, heavy, and practically impossible to make into fashion eyewear.

Now after years of internal developments and our recent licensing relationship with Nokia Corporation, SMART Glasses Technology is finally here. This amazing new technology starts with a compact display engine capable of hi contrast and brightness for outdoor use. The output is then relayed into a 1.4 mm thick polymer waveguide lens with input and output hologram structures on the surface which squeezes the light down the waveguide and then two dimensionally expands the image back into the user's eye, creating an image that is then mixed into the real world. And, all this technology neatly fits into the temples & lenses of a conventional pair of eyewear!

As the name implies, SMART Glasses are much more than just a wearable TV. Designed to work with SMART Devices that are typically connected to the internet, SMART Glasses are interactive and merge virtual information with the real world. They can be used at night or outdoors in full daylight.

Vuzix is planning a line of both monocular and binocular SMART Glasses for the Commercial, Industrial and Consumer markets. With integrated head tracking and options for multiple camera technologies Vuzix SMART Glasses can broaden the users' sensory perception across a greatly expanded light spectrum; additionally they can be used to recognize their environment along with their position in the real world, all-the-while recording and transmitting what the user sees.

From standalone solutions for night vision and first responder use to fully internet connected and geospatially aware devices for amazing Augmented Reality applications.

Look for Vuzix SMART Glasses technology initial release into the commercial and industrial markets by fall 2012.

Follow Vuzix on Twitter [@Vuzix](#) and [facebook.com/Vuzix](#) for the latest news on the SMART Glasses Technology and the company's entire line award winning video eyewear.



### **About Vuzix Corporation**

Vuzix is a leading supplier of Video Eyewear products in the defense, consumer and media & entertainment markets. The Company's products, personal display devices that offer users a portable high quality viewing experience; provide solutions for mobility, thermal sighting systems, tactical wearable displays and virtual and augmented reality. With its origins in defense research and development for next generation display solutions, Vuzix holds over 51 patents in the Video Eyewear field. The company has won 9 Consumer Electronics Show Innovations Awards, the RetailVision Best New Product and several wireless technology innovation awards, among others. Founded in 1997, Vuzix is a public company (TSX-V: [VZX](#) - News, OTC:BB: [VUZI](#), FMB: [V7X](#)) with offices in Rochester, NY, Oxford, UK and Tokyo, Japan. For more information visit [www.Vuzix.com](http://www.Vuzix.com)

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