

CANESTA

The logo for CANESTA features the word in white, uppercase, sans-serif font. A red graphic element, consisting of a triangle and a curved line, is overlaid on the letters 'A' and 'N', extending from the top left and curving under the 'N'.

Everyday Devices that “see”...

**OPEN FORUM 2004
Showcase Showdown**

***Electronic Perception
Technology***

Overview

- Founded in April 1999
 - Headquartered in Silicon Valley
 - Semiconductor, software, and optics expertise
- Venture backed - \$36 Million raised
 - Venrock Associates, The Carlyle Group, JP Morgan Partners, Intel, & others
- Strong intellectual property assets
 - 12 3D sensing technology patents already granted
 - 30+ more patents filed
- Business model
 - Sell components/modules to OEMs

The Solution

Canesta Electronic Perception Technology

***The first practical technology to
enable machines and digital
devices to “see”***

Electronic Perception Technology

System Components

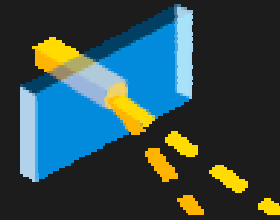
Sensor Chip Module



Embedded Imaging Software

```
pImg = ThickBeamBrightnessThreshold( *phDevice )  
= ImgNewImage(25, 160);  
memset(ImgBuffer(pImg), 100,  
{pImage pImg};  
pImg =  
ThickBeamHeightThreshold(  
*phDevice ) = ImgNewImage(25,  
160);  
memset(ImgBuffer(pImg), 32*2,  
ImgNoOfRows(pImg) *  
pImg);
```

Invisible (IR) Light Source



Gesture Recognition



Advanced User Interfaces

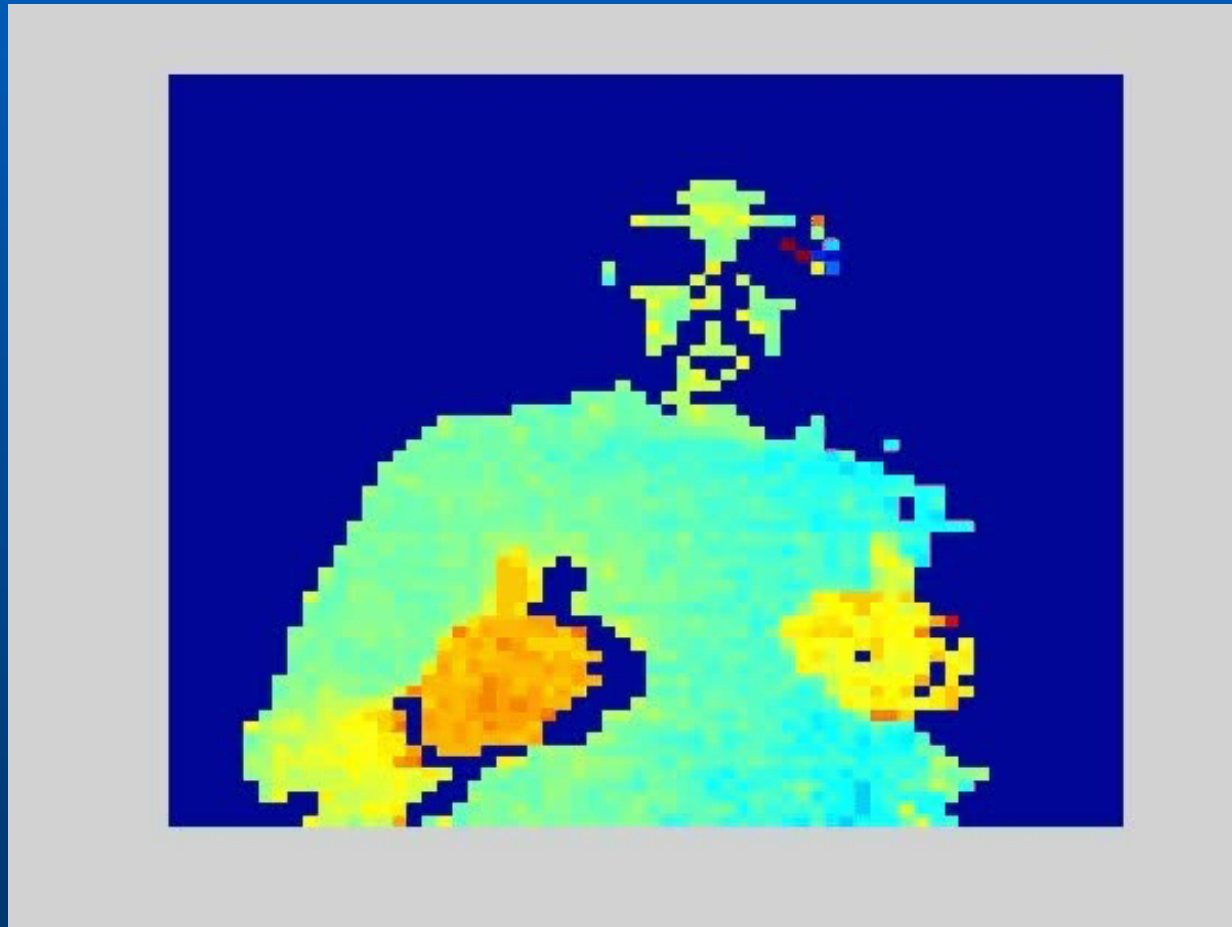


Security



Automotive

Actual 3D image



- Color coded topographic/"depth" image
- Taken with Canesta Development Kit (64x64 array)

Market Opportunities



- Automotive
 - Advanced airbag deployment, driving monitoring
 - Parking assistance
 - Collision detection

- Security
 - Intruder detection, Smart CCTV
 - Facial ID, Automatic doors



- Videogames
 - Gesture input
- Machine Vision & Logistics
 - Cargo sensors
 - Object sizing & measurement
 - Position detection (e.g. for robotic pick-up)



- Medical
 - 3D Endoscopy
 - Gesture input, body position detection



- Military

Summary

- Major Market Opportunities
 - Automotive, security, game consoles, machine vision, logistics and others
- Disruptive Technology
 - Gives 'eyes' to machines
- Excellent Barriers To Entry
 - 12 fundamental patents granted, 30 more in pipeline
- Experienced Management Team