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Damon Lindelof, Masi Oka, Marco Arment: On The Verge, Thursday!

Compare (*0*) Clear

FLASH DANCE!

- **Products**
  - Cellphones
  - Tablets
  - Laptops
  - All-in-ones
  - Desktops
  - Cameras
  - E-readers
  - Gaming
  - Television
  - Home Theater
  - Headphones / Headsets
  - Speakers / Docks
  - PMPs
  - Displays
  - Storage
  - Modems
  - Input Devices
  - Misc.

Recent Cellphones

  - Eluga V P-06D
  - Desire C
  - 113
  - 112
  - 111
  - 110
  - Arrows Z ISW13F
  - Urbano Progresso
  - Medias BR IS11N

- Medias CH 101N

See All

Recent Tablets

- MarquisPad MP977
- Regza AT830
- Regza AT570
- Regza AT500
- eGlide XL Pro 2
- Eee Pad MeMO ME171
- MID7035
- Studybook
- Excite 13
- Excite 10

See All

Recent Laptops

- 14-inch Thin + Light Notebook
- ThinkPad L530
- ThinkPad L430
- VAIO E Series 17
- VAIO E Series 15
- VAIO S Series 13
- VAIO S Series 15
- ThinkPad T530
- ThinkPad T430s
- ThinkPad T430

See All

Recent All-in-ones

- t410
- ThinkCentre Edge M72z
- ThinkCentre M92z (23-inch)
- ThinkCentre M92z (20-inch)
- Alto
- Lisa
- TouchSmart 520xt
- Omni 27qd
- Omni 220qd
- LX815

See All

Recent Desktops

- ROG CG8580
- ThinkCentre M72e
- ThinkCentre M92p
- Pavilion HPE h9 Phoenix (mid 2012)
- Pavilion HPE h8
- Predator G3 (2012)
- DX4860-UR14P
- FX6860-UR10P
- ZX Spectrum
- Marauder

See All

Recent Cameras

- FinePix XP170
- TG-1 iHS
- Handycam HDR-GW77V
- NX1000
- NX210
- NX20
- D3200
- Cinema Camera
- Broadcaster
- EOS C500

See All

Recent E-readers

- Nook Simple Touch with GlowLight
- Jin Yong Reader
- eReader
- Cybook Odyssey
- Hanvon C18
- Bambook Sunflower
- Jetbook Color
- Kyobo e-Reader
- Raboo
- MM3280

See All

Recent Gaming

- NeoGeo X
- OnLive Universal Wireless Controller
- Tablet Wireless Bluetooth Controller
- Ion
- Major League Gaming Pro Circuit Controller (PS3)

- Major League Gaming Pro Circuit Controller (Xbox 360)
- Kinect for Windows
- GamePad
- Siren Xbox 360 Tron Controller
- SupaBoy

See All

Recent Television

- Smart TV with Google TV G2 Series (55-inch)
- Regza 55XS5
- BeoPlay V1 40
- BeoPlay V1 32
- E425BV-FHDD
- K71 Smart TV
- UN55ES7500
- UN55ES7100
- UN55ES6600
- UN55ES6500

See All

Recent Home Theater

- Media Link HD
- PLED-W200
- Nasne
- Roku HD (2012)
- BD-EM53C
- BD-EM59C
- BD-EM57C
- VSX-1122-K
- VSX-1022-K
- VSX-822-K

See All

Recent Headphones / Headsets

- P3
- MDR-MA102TV
- MDR-MA100
- MDR-MA300
- MDR-MA500
- MDR-MA900
- MDR-ZX600
- MDR-ZX650
- Adidas HD 220 Originals
- Adidas CX 310 Originals

See All

Recent Speakers / Docks

- ARIS Wireless Speaker System for Windows
- Beoplay A3
- iBase Dock Station
- Big Jambox
- iDM5
- Audio Cube Bluetooth Speaker
- 650
- 625s
- 600
- UE Air Speaker

See All

Recent PMPs

- Clie PEG-T675C
- Galaxy Player 70 Plus
- Galaxy Player 4.2
- Nomad Jukebox
- Walkman B170 series
- Z2 Plenue
- Smart Goggles
- inPulse Smartwatch
- iAudio 10
- Galaxy Player 5

See All

Recent Displays

- LT2323z
- VX2460H-LED
- B243PWL
- e2450Swd
- e2250Swdn
- On-Lap 1302
- S230HL Abii
- S230HL Abd
- S200HL Abd
- S235HL bii

See All

Recent Storage

- 2big NAS

- eSATA Hub Thunderbolt
- Pogoplug Classic
- Pogoplug Series 4
- Pogoplug Mobile
- My Book Thunderbolt Duo
- Rugged Portable Thunderbolt
- Lightfoot Thunderbolt
- G-Raid (Thunderbolt)
- Thunderbolt SSD

See All

Recent Modems

- Jetpack 4G LTE MiFi 4620L

See All

Recent Input Devices

- Pogo Sketch Plus
- AluPen Pro
- Model S
- iPen
- Architect Stylus
- Maglus Stylus
- Solar Keyboard Folio
- Ultrathin Keyboard Cover
- Aluminum Stylus
- Stylus

See All

Recent Misc.

- Swivl-it
- Aria
- SmartWatch
- Pogo Desktop Dock
- Nike+ FuelBand
- GUS II
- JUC600
- Powertrekk
- All-In-One Mobile Companion
- Wemo Motion Sensor

See All

- **Reviews**

  - Cellphones

- Tablets
- Laptops
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- Cameras
- E-readers
- Gaming
- Home Theater
- Headphones / Headsets
- Speakers / Docks
- PMPs
- Displays
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Recent Cellphone Reviews

- HTC Evo 4G LTE review
- Sharp Aquos Phone 104SH review
- HTC One V review
- HTC Titan II review
- LG Lucid review
- LG Prada Phone 3.0 review
- Lumia 900 review
- HTC One X review
- HTC One S review
- Samsung Galaxy S Blaze 4G review

See All

Recent Tablet Reviews

- Samsung Galaxy Tab 2 10.1 review
- Acer Iconia Tab A510 review
- Samsung Galaxy Tab 7.7 for Verizon review
- Toshiba Excite 10 LE review
- iPad review (2012)
- Sony Tablet P review
- BlackBerry PlayBook 2.0 review
- Pantech Element review
- Ainovo Novo7 Basic review
- Samsung Galaxy Note review

See All

Recent Laptop Reviews

- Samsung Series 9 review (15-inch, 2012)
- Acer Aspire Timeline Ultra M3-581TG review
- HP Envy 14 Spectre review
- Dell XPS 13 review
- Razer Blade review
- MacBook Air with Windows 7 review: the ultrabook to rule them all?
- HP Envy 15 (late 2011) review
- HP Folio 13 review
- Samsung Series 7 Chronos review
- Toshiba Portege Z835 ultrabook review

See All

Recent All-in-one Reviews

- Samsung Series 7 all-in-one review

See All

Recent Desktop Reviews

- Alienware X51 review
- Samsung Series 7 all-in-one review
- Mac mini review (mid 2011)
- Apple iMac review (mid 2011)

See All

Recent Camera Reviews

- Olympus OM-D E-M5 review
- Sony Alpha SLT-A77 review
- Lytro review
- Canon PowerShot G1 X review
- Sony NEX-7 review
- Dropcam HD review
- Sony Bloggie Live review
- Fujifilm X10 review
- Canon PowerShot S100 review
- Nikon 1 J1 review

See All

Recent E-reader Reviews

- Barnes & Noble Nook Simple Touch with GlowLight review
- Kindle Touch review
- Kindle (2011) review
- iriver Story HD review
- Barnes & Noble Nook review (2011)

See All

Recent Gaming Reviews

- OnLive Universal Wireless Controller review
- Sony PlayStation Vita review
- Nintendo 3DS Circle Pad Pro review
- Hulu Plus for Xbox 360 review

See All

Recent Home Theater Reviews

- Samsung Optical Smart Hub review

See All

Recent Headphones / Headset Reviews

- Sync by 50 wireless headphones review

See All

Recent Speakers / Dock Reviews

- The best iPhone speakers: reviewing AirPlay's greatest hits
- Big Jambox review
- Logitech Mini Boombox review
- Jawbone Jambox with LiveAudio review
- Sonos Play:3 review
- Libratone Live review
- Libratone Lounge review

See All

Recent PMP Reviews

- Samsung Galaxy Player 3.6 review
- Samsung Galaxy Player 4.0 and Galaxy Player 5.0 review

See All

Recent Display Reviews

- Sony PlayStation 3D Display review

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Recent Storage Reviews

- Pogoplug Series 4 review

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Recent Modem Reviews

- Verizon Jetpack 4620L mobile hotspot review

See All

Recent Input Device Reviews

- Logitech Cube Mouse review
- Wacom Inkling review

See All

Recent Misc. Reviews

- Fitbit Aria Wi-Fi scale review
- Nike+ FuelBand review
- WIMM One review
- Jawbone Up fitness band review
- Fitbit Ultra review
- j5 Create Wormhole KM Switch review

See All

- **Features**

  - When GIFs become art: a trip to the Museum of the Moving Image
  - Gavin Purcell: 'people always say I'm gonna be the first cyborg'
  - The best tech writing of the week, May 13
  - Offline: Ghost limbs
  - ROFLCon: 'I saw God and put it on YouTube'
  - Scamworld: 'Get rich quick' schemes mutate into an online monster
  - The mobile payments mess: no one's winning, but we're all losing
  - Otaku anthropology: exploring Japan's unique subculture
  - Can Carrier IQ's new Chief Privacy Officer build a 'culture of privacy'?
  - Offline: Did you hear the news about Diet Coke?

- **Show**

Episode 005

with Tony Fadell & Chris Grant

Episode 004

with Dr. Neil deGrasse Tyson

Episode 003

with Jimmy Fallon

Episode 002

with John Gruber

Episode 001

with Matias Duarte

- **Podcast**

  ## The Vergecast

  with Joshua Topolsky, Nilay Patel, and Paul Miller

  ## The Verge Mobile Podcast

  with Chris Ziegler, Dieter Bohn, and Vlad Savov

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Most Popular

Apple Core

1807 posts (1 new)

Android Army

1557 posts (4 new)

Microsoft Tribe

1373 posts (6 new)

Meta

1244 posts

Gaming

632 posts (4 new)

Off-topic / chit-chat

472 posts (1 new)

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Smartphone-equipped floating robots transmit water data in real-time

By Andrew Webster on May 10, 2012 03:36 pm 11**Comments**

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Earlier this week researchers from the University of California, Berkeley took to the Sacramento River to deploy a fleet of 100 mobile sensors to gather real-time data about the river. The Floating Sensor Project, as it's called, is hoping to replace traditional fixed water sensors with something that's able to provide information "at a level of detail not currently possible" — everything from water movement to the spread of pollutants. And because the sensors are mobile, they can also be easily deployed to monitor an emergency situation, such as an oil spill.

Each sensor includes a water-tight capsule complete with a battery and a GPS-equipped smartphone with a custom-built Android app, which sends information back to a lab every few seconds. Of the 100 deployed during testing, 40 were equipped with propellers that let them avoid obstacles and move around as autonomous robots. Once the testing is complete the sensors can simply be scooped up out of the water until they're needed again — and each time they enter or leave the water they're able to send out a tweet.

Right now the sensors cost a few thousand dollars each, but the team is hoping to reduce that by quite a bit as some units will inevitably be lost after being deployed in the field. Once that's sorted, they have some pretty high hopes. "We expect this to become an invaluable tool for the future management of a critical resource in this state and around the world," says associate professor Alexandre Bayen.

- **Via** Network World (YouTube)
- **Source** University of California, Berkeley
- **Related Items** berkeley research university of california robot gps prototype sensor autonomous alexandre bayen water sensor sacramento river

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Headlines

- **T-Mobile USA's latest restructuring: net loss of 350 jobs**

- **'Diablo 3' Easter egg is an appropriately colorful treat**

- **Netflix rolls out updated web player with new control bar and overlays for easier browsing**

- **'The Last of Us' is a dark, grimy step for Uncharted devs**

- **An ultrabook by any other name**

Latest *Media*

- Gallery

  Netflix web player redesign

  21 minutes ago

- Gallery

NYU ITP's Spring 2012 tech-art showcase

about 4 hours ago

- Video

Docomo Raku Raku Smartphone F12-D demo video

about 12 hours ago

- Gallery

Panasonic Eluga V P-06D hands-on gallery

about 13 hours ago

- Gallery

Panasonic Eluga Live tablet hands-on photos

about 14 hours ago

Discussions

- Off-topic / chit-chat

Enjoy Boston Celtics vs Philadelphia 76ers live NBA streaming Online Nba Basketball Game HD Watch Online Pc On Tv

3 minutes ago by lali

- Off-topic / chit-chat

Enjoy Philadelphia 76ers vs Boston Celtics live NBA streaming Online Nba Basketball Game HD Watch Online Pc On Tv

11 minutes ago by lali

- Events

Boston Celtics vs Philadelphia 76ers LIVE streaming ONLINE LIVE FREE

11 minutes ago by saasad13

- Gaming

Bad Company 3 & Mirror's Edge 2

about 1 hour ago by backporchprophet

- Microsoft Tribe

PSA: Skydrive - You do NOT have 25gb free (yet)

about 2 hours ago by Ty1361 5 comments

- Microsoft Tribe

Windows Phone/Windows 8 Application pre-load screens

about 2 hours ago by xMorningBreathx 3 comments

- Mobile

Mobile Data

about 3 hours ago by Playmobil 1 comment

- Microsoft Tribe

Windows Phone 7.5 CR3 (Tango) Language Support

about 3 hours ago by meelahi 4 comments

- Microsoft Tribe

What I want to see in a "Smartwatch"

about 3 hours ago by ReformedCtrlZ7 8 comments

- Apple Core

iTV - Think Different

about 4 hours ago by roxics 9 comments

All

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