

# THE WAR ON PRIVACY

ANATOMY  
OF A  
TOP-FUEL  
DRAGSTER

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SCIENCE OUTDOORS TECHNOLOGY AUTOMOTIVE HOME

HOW  
YOUR  
GADGETS

# SPY ON YOU

# 20 DIY GOOFS

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*Our Mistakes*

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Drills

Easy  
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## Why TSA Body Scanners Don't Work

BY GLENN HARLAN REYNOLDS

# Digital Preview

BY SETH PORGES

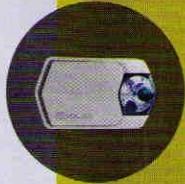
2011

Every January, the gadgetheads of the world converge on Las Vegas for the Consumer Electronics Show, where the top tech companies unveil their most prized products for the coming year. It's a battle royal for buzz—and only the strong survive. PM picks the devices destined to rise above the din.



## Nike+ Sportwatch GPS

(price not set) → Serious runners keep tabs on their pace and distance with GPS-enabled gear, but reception can be spotty (among tall buildings or trees, for instance). This watch never stops mining data, thanks to an in-shoe sensor that takes over in the event of GPS signal loss.



## Casio Tryx Camera

(\$250) → The classic camera brick has long been in need of a refresh, and Casio delivers a deft twist with this contorting 12-megapixel (1080p for video) shooter. A multitude of hinges enables it to fold, bend, hang from a hook, perch on a table and even flip its 3-inch screen for a well-aimed self-portrait.

**Mavizon Autobot** (price not set) → Plug the Autobot into a vehicle's diagnostic port and it beams any detected mechanical problems to an iPhone or Android app—in plain English, not impenetrable car-manual lingo. Even better: The device's GPS chip allows you to track your vehicle. You know, just in case.



## iHome iWi Speaker

(\$300) → This year's tech forecast calls for a flood of sound systems that work with Apple's new AirPlay system, which wirelessly streams music between devices. This little number, equipped with a rechargeable battery for portability, is one of the first.





**Samsung SP-A8000 3D Home Theater Projector** (price not set)

→ 3D TVs can provide great visuals, but nothing matches the immersive experience of a projector. Samsung steps up with one of the first units that can bring 2D content into the third dimension. And while the tech is far from perfect (watch any auto-converted 3D for too long and you'll feel a bit woozy), it's still an impressive stopgap until more 3D Blu-rays are released.



**LG LW6500LED HDTV** (price not set)

→ The active-shutter glasses needed to view most 3D TVs cost a bundle, require batteries and are heavy enough to leave divots on the bridge of your nose after extended viewing. This 3D TV lightens the load—on your schnoz and your wallet—by using the same cheap, lightweight glasses as 3D theaters.

**Iomega Superhero Dock and Charger for iPhone** (\$70)

→ Backing up an iPhone is painless: Just leave it plugged into iTunes and the process takes place automatically. But a surprising number of people forgo this simple step—and suffer if they lose or break their phone. This iPhone dock works double duty, charging while stashing your contacts and photos onto an SD card. Up next: BlackBerry- and Android-compatible units.



**Intel Sandy Bridge Processors**

→ The fact that Intel's latest chips are its fastest yet should come as no surprise. What is novel: They cut the amount of time it takes to transcode video in half, thanks to a new architecture that places the graphics and computer processors onto the same piece of silicon.

**Garmin GTU 10 GPS Tracker**

(\$200) → A Garmin rep told us that this tiny GPS module was initially invented for pet owners to track their furry friends. But we think its small size (like, Bic lighter), long battery life (up to four weeks) and waterproof construction make it suitable for much more. Stuff it in the pocket of a potentially wayward child, pop it in the glovebox as a low-cost LoJack, or hide it in a suitcase full of cash to relieve your *No Country for Old Men* fantasies. A Web interface makes it easy to home in on the device's location.

