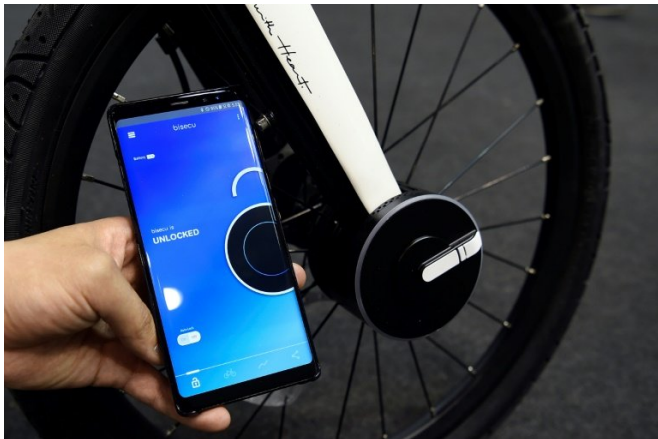


Top gadgets at Mobile World Congress

26 February 2018, by Emmanuelle Michel, Daniel Silva



A host holds a mobile phone used to lock a Bisecu Smart Bike Lock on a bicycle at the Mobile World Congress (MWC), the world's biggest mobile fair, on February 26, 2018 in Barcelona. The Mobile World Congress is held in Barcelona from February 26 to March 1.

From headsets that help you lose weight without dieting to a smart meat thermometer, here are five eye-catching devices on display at the Mobile World Congress, wireless industry's biggest conference which got underway Monday in Barcelona:

Smart bike lock

Tired of bending down to lock your bike? A team of South Korean engineers have developed a small circular device that is installed on the hub of the front wheel and is connected to the owner's smartphone via Bluetooth.

When the bike owner stops riding and walks away, the device—dubbed Bisecu—automatically locks itself. When the rider returns, it detects that too and it will unlock.

Any thief who tries to ride off with the bike would find the front wheel frozen in position—and a 100

decibel alarm would also be triggered and the owner notified on their phone that the bike is being tampered with.

Weight loss headset

British startup Neurovalens presented a headset that generates a low-level electrical pulse which sends a signal to the brain to burn fat and lose weight.

The company's head Jason McKeown said 80 percent of those who have used the Modius headset have lost weight. It comes with an app that allows you to track your progress.

Wireless meat thermometer

Knowing how long to cook meat can be tricky, and you often need to check the oven multiple times to make sure you don't overcook it.

The Meater, a wireless meat thermometer about the width of a standard pen, lets you monitor how your meat is doing from an app on your phone.



Data is seen through Vuzix augmented reality smart glasses.

It works like any other meat thermometer, except it communicates with your phone via Bluetooth or wi-fi.

"The app has been designed to monitor the internal temperature of the oven or barbecue and the internal temperature of the meat," said Matt Blyden, Meater's marketing manager.

"You chose on the app how you would like the meat cooked, whether it is rare, medium or well done, and the app tracks the temperature. When it nearly gets to that point it beeps on your phone."

See through walls

Can I really pierce this wall or is there a pipe behind it? Israeli 3D imaging company Vayyar has developed a sensor that uses radio waves to "see" through materials.

Stick the sensor on your mobile and when you place your handset on the wall, what is behind it appears on the screen.

"It is almost like a new kind of camera that opens up capabilities that were not there before," said Vayyar director of marketing Malcolm Berman.

Smart glasses

US firm Vuzix presented its latest augmented reality glasses which connect to your smartphone, allowing text messages to appear before your eyes as you walk through the streets.

The glasses can also give you directions via GPS on the screen and if you want to take a picture you don't need to take out your [phone](#).

Just tap the side to open the photo app, look at what you want to photograph and the glasses take the snapshot.

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APA citation: Top gadgets at Mobile World Congress (2018, February 26) retrieved 25 January 2021 from <https://techxplore.com/news/2018-02-gadgets-mobile-world-congress.html>

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