

# Showstoppers

Our tech guy Jon Mamonski was a CES Innovation Awards Judge and he braved the international border crossings and endless coronavirus tests to get to the Consumer Electronics Show in the US to bring you back the best of CES 2022

If CES 2022 proved anything, it's that it will take more than an ongoing pandemic to halt innovation in the tech world. There was everything from an electric vehicle that changes colour, a robotic massage table, an all-in-one personal OLED media chair, headphones you don't have to wear plus a slew of new TVs and laptops and a raft of health-check tech. In short, CES was bursting with new technology and its business as usual. Here is what's coming to our shores in the months ahead.



## Car colour change on a whim

The BMW iX Flow is a pioneering project that opens up entirely new possibilities for car design and personalisation. Match the colour of the car to your current mood. Influence the car temperature with the right exterior colour. BMW are working hard to implement this technology using e-ink in the car panels so you can change the car to white on a hot day and black when its cold with lots of other designs in between.

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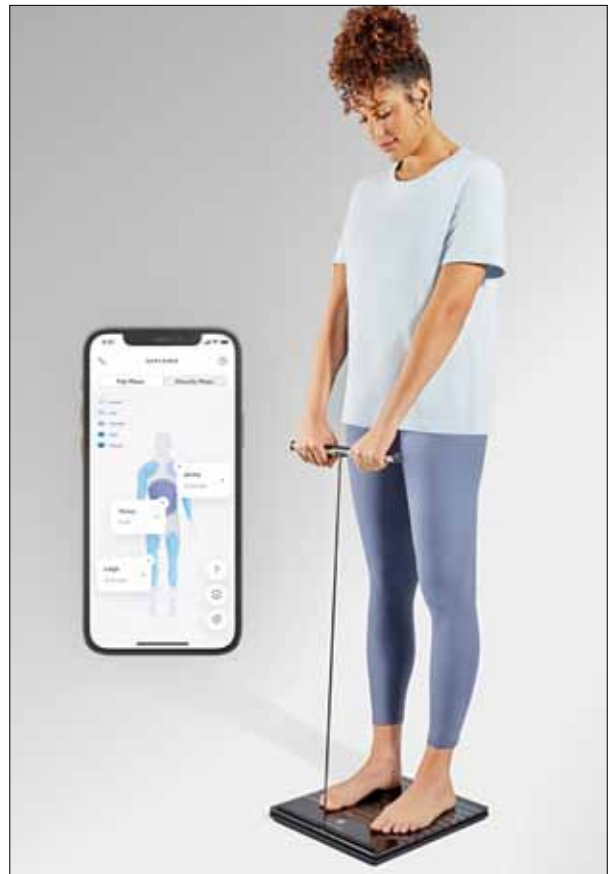
### Front door with smarts

It had to come – a front door with all the smart technology. Masonite M-Pwr™ Smart Doors are the first residential exterior doors to integrate power, lights, a video doorbell and a smart lock into the door system. The door is connected to your home's electrical system and wireless internet network. To ensure that the doors are 'always on' in the event of a power outage, an emergency backup battery can sustain system power up to 24 hours when fully charged. The Masonite M-Pwr smartphone app enables homeowners to remotely program and control motion-activated LED welcome lighting as well as confirm whether the door is open or closed at any time.



### Screen folding laptop

Multi-CES Innovation Awards winner ASUS turned heads this year with the Zenbook 17 Fold OLEO, the world's first 17.3-inch foldable OLEO laptop. The boundary-pushing design offers two sizes of OLEO display in one device. A large 4:3 17.3-inch 2.5K touchscreen that folds in the middle to create two seamless 3:2 12.5-inch 1920x1280 displays. Combined with the full-size ASUS ErgoSense Bluetooth keyboard and touchpad, the folding design provides the versatility of multiple modes being either a PC, laptop, tablet, book or display extend. Now that's innovation.



### Daily health check

Your health is everything. Withings is the world leader in home health check equipment and the Body Scan smart scale as a way for you to track your health daily at home, particularly those who are keeping an eye on cardiovascular health or monitoring for potential nerve damage from diabetes. The scale includes a tempered-glass platform and a retractable handle that sends a low-level electrical signal to measure body composition including the torso, arms and legs. It will also feet-track sweat gland activity to offer insight into any impaired nerve damage. The Body Scan will also track cardiovascular data, including heart rate and ECG recordings. Withings plans to release the device in the second half of 2022 pending CE mark and FDA approvals. It will retail for \$495.

### No wear headphones

Clearly hearing stereo sound that no one else can hear without wearing headphones? Yes. Noveto's beautifully-designed N1 features proprietary Smart Beaming technology that transmits ultrasound silently through the air, converging in small audible pockets just outside your ears as if wearing invisible headphones. The sound follows you as you move too.





### Private home theatre

LG Display presented the Media Chair as one of its flexible OLED solutions at CES 2022. The Media Chair is for personal relaxation that combines a 55-inch curved OLED screen and a reclining chair. The screen also has Cinematic Sound OLED (CSO), and has Pivot features so it can rotate from horizontal orientation to vertical to enjoy a variety of video content in optimal viewing conditions and the armrest of the chair has a 23.1-inch LCD touch control.

### Man versus machine

Ready for the non-human touch? Life hurts and Massage Robotics designed a life-sized autonomous massage robot with collaborative robotic arms and cloud artificial intelligence. You can control robot motion and touch with your voice. The robot can then create and recommend personalised massage routines in your own app. Massage Robotics can deliver a perfect massage every time and 'Alex' will never get tired, never judge and never need thanking.



### Dell's new XPS laptop with an OLEO screen

Dell has just unveiled the new award-winning XPS 13 ultra-thin laptop that comes with a 3.5K OLEO touchscreen which is simply astonishing with deep blacks, vibrant colours and high contrasts. With an ultra-slim chassis there's a pair of USB-C/Thunderbolt 4 ports – one on either side – as well as a headphone jack and a microSD card reader. Dell does include a USB-C to USB-A adapter in the box for extra devices. The InfinityEdge display has tiny bezels that almost disappear and the Intel Core 11th Gen. i7 CPU and 16GB of RAM will pump out demanding games and video. Available now for \$2999.



### Perfect cocktails with The Bev

Black & Decker surprised with The Bev, an impressive looking machine that can hold five different spirits of choice. It might be the first home bartender capable of making a legitimate Mojito. At \$450, the straws pull the liquor straight out of the bottle. Just load the Bev up with your spirits, fill its water container and then pop in a pod that contains the juice and the bitters. You can choose single or double shots and The Bev mixes the drink together before dispensing it into the glass. According to Black & Decker the entire process takes roughly 30 seconds from start to finish.

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**World first 40-inch curved SK monitor**

Dell has released the Ultrasharp 40-inch SK (U4021QW) monitor that comes with an ultrawide aspect ratio of 21:9 and that's a heap more viewing space than normal curved monitors. There are ports of every kind for any PC, Mac or device connection and integrated 9-watt speakers. The SK resolution is simply brilliant, sharp with extraordinary detail. For work, you have extra space to put up more independent apps on the screen and for gamers it's immersive heaven. Available from the Dell website for \$2369.

**Quick and easy hair colour**

When the Covid-19 pandemic caused the temporary closure of many salons, at-home hair colouring blossomed. Developed in response to these consumer needs and refined over a five-year period, Colorsonic uses a cartridge custom mixer mechanism to combine a precise amount of developer and formula to create a hair colour. The device then dispenses the right dose of hair colour and applies it to the hair via an oscillating nozzle of bristles as they move in a zigzag pattern to evenly distribute it on the hair. Wait 30 minutes and rinse.



**Bugger, lost my wallet**

How often have you said that? Rather than have a miniheart attack, Chipolo CARD Spot works with the Apple Find My app and fits into your wallet without adding any extra bulk. When your wallet goes missing, hundreds of millions of friends in the Find My network can help you find it again. The Chipolo CARD Spot is the same size as a credit card and almost as slim, so it will fit any type of wallet without increasing its size or creating any strange creases. The battery inside will keep it running for up to two years and you can even join the CARD Spot Recycle & Renew program that will send you a reminder when the battery is about to run out.



**LG cleans up**

Honoured with 24 CES Innovation Awards, LG continued its leadership in TV technology with the next level in OLEO's evolution, the OLEO evo technology. They deliver higher brightness for ultra-realistic images with amazing clarity and detail. Powered by LG's new (Alpha) 9 Gen 5 intelligent processor and the company's Brightness Booster technology. LG's 2022 G2 series introduces a new 83-inch model and the world's first 97-inch OLEO model to complement the 55, 65 and 77-inch TVs already in the line-up.

**The Dell Ultrasharp Webcam**

Experience sharp, bright, professional-grade video quality and stunning image quality with the new Dell UltraSharp webcam. It comes with a large 4K Sony sensor which captures more light to provide crystal clear, vivid and vibrant video clarity. With Digital Overlap HDR, the webcam guarantees superior picture quality in extreme lighting environments while video noise reduction automatically eliminates grainy images in low light. AI auto framing keeps you at the centre of the screen. The webcam also offers 5x digital zoom, multiple fields of view and Dell Express sign-in. Available now for \$379.

