

GoPro's new Hero 9 Black has a bigger battery and front-facing screen

GoPro newest camera, the Hero 9 Black, is now available for sale. The model contains a handful of new but useful features that the company hopes will keep them on the bleeding edge in the action camera category.

Of the features, the most notable change is the front 1.4-inch front-facing display. The screen is designed to help users set up their shots better, especially when filming themselves. The rear touchscreen has also been enlarged,



growing from 1.95 to 2.27 inches.

The body of the camera has also increased in size, with the battery

being upgraded from a 1,220 to 1,720 mAh unit. The shooting resolution has been improved, with 20-megapixel stills and 5K video at 30 FPS being now possible.

Hero 9 Black will retail for \$450 but can also be had for \$350 by purchasing a one-year subscription to GoPro's software service. There's also a \$100 Max Lens mod, which increases the camera's stabilisation and field-of-view.

Realme debuts the C17

Smartphone brand realme has debuted its new C17 mid-range premium phone on Monday, September 21, 2020.

The new phone has a lighter and thinner body, weighing around 188g and being 8.5mm in the thinnest part. Features a 6.5-inch 90Hz punch-hole display, Snapdragon 460 octa-core processor, 6 GB RAM, 128 GB internal storage, 5,000 mAh battery, and an AI Quad Camera cluster.



The cluster contains a 13MP primary camera and a 119° ultra-wide-angle lens for capturing landscapes, architecture, and large groups. A 4cm macro lens enables the capture of high detail photos while the B&W Portrait lens helps to capture high-quality portraits. Comes in Navy Blue and Lake Green and priced at BDT 15,990.

World's first vision restoration device ready for human clinical trials

Scientists at Australia's Monash University are working on a device that can allegedly restore vision to the blind. First-of-its-kind, the device uses a combination of electronics and brain-implanted microelectrodes to bypass damaged optic nerves that are often responsible for what's defined as technical clinical blindness.

The technology gathers visual information with an outside camera. That data is processed and transmitted to the brain's neurons via microelectrodes that are thinner than a human hair.

The technology is still a long way from mass use, but so far the studies look promising. Scientists implanted 10 of these arrays in sheep and tested 2,700 hours without any adverse health issues. They hope the following extensive human clinical trial will bring the technology one step closer to commercial viability.

The team behind the technology is currently looking to secure additional funding and believes their work promise well beyond vision. They anticipate the same approach could provide benefits and treatment options for patients with other conditions that have a neurological root cause, including paralysis.

New cars this week



Volvo's performance division turned EV marque has rolled out its first full-electric model. Imaginatively named Polestar 2, it is the company's first mass-market vehicle after the limited-edition Polestar 1 hybrid. Though called a sedan, the car has a quite bulky exterior, thanks to its shared platform with the Volvo XC-40 compact crossover. The interior is also pretty much all Volvo, with one exception. The Polestar 2 is the first car to incorporate an Android infotainment system, a feature that we think was a long time coming. Power comes from a 78 kWh battery pack making 408 HP and 487 lb-ft of torque, with a 0-100 of 4.7 seconds.



Moving from electric to dino juice, Hyundai's best-selling crossover just got a new redesign. The 2022 Hyundai Tucson now has the same folded paper aesthetic found in the new Elantra, with a new headlight arrangement that looks like a partly lit bat signal at night. The new interior is larger and has received the modern Hyundai treatment, such as the tiller steering wheel and all screen interface. The base model will be powered by a 2.5-litre inline-four delivering around 190 HP and 182 lb-ft of torque, more than enough for its expected mall crawling duties.

Facebook debuts Infinite Office, a virtual reality office space

Facebook's newest VR device, the Oculus Quest, will incorporate a new set of features to help solo productivity.

Dubbed the "Infinite Office", the feature will allow users to work across multiple screens built on top of the Oculus Browser. To maintain situational awareness, users can also use the headset's camera to integrate



the VR environment with their own home.

The company is also working with Logitech to have certain keyboards appear inside the headset's virtual environment so users can interact with them without difficulty.

Facebook plans to roll out Infinite Office this winter, with more features coming out over the coming months.

EDITOR'S NOTE

You're not alone

Does that help? Not really. Realising you're not alone while being isolated is really just one and the same. The pandemic has really pushed home the factors relating to rising levels of stress and mental unrest. The biggest factors contributing to the rise in stress are job security, loneliness and general anxiety of not seeing an end in sight. Sometimes being able to blurt out that anxiety may be a small form of relief. We highlight four Bangladeshi online services that aim to do just that, take a part of your burden. Their goal is to offer emotional support during difficult times.

Along with that you realise that life finds a way to go on. The world really has not stopped like many feared. We cover new cars released, new phones to work on and shows that help us see the clutches of social media. Things that give us a hint that there's things to do. It is not the end.

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TechBits



GM to take reservation for Hummer EV from October 20

Facebook working with Ray-Ban for a new AR device



PlayStation 5 arrives at November 12, cost \$500

Dynetics built a full-scale mockup of their Lunar Lander



Apple's iOS 14 is now available to download