



Electric SUV

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## STARTUP DESIGNS SMART ELECTRIC SUV CONCEPT

 MOBILITY & TRANSPORT

**An electrical vehicle startup has released a concept design for a SUV that uses smart technology, including facial recognition and hand gesture controls.**

A China-based startup called **BYTON** has released its concept design for an electric SUV embedded with smart technology. Their concept design features a self-driving vehicle and replaces conventional automotive elements with smarter digital components. For example, instead of side mirrors, the SUV has side-view cameras. A facial recognition camera system upgrades the vehicles user identification and security. The vehicle also has invisible door handles, invisible antennas, and BYTON Smart Surfaces for adjustable lighting modes.

BYTON's smart design extends to vehicle interior too. Inside the SUV, there are multiple display screens and a Driver Tablet. Passengers can engage with these devices using hand gesture controls and voice command. In addition, a Shared Experience Display screen enables passengers to share and view the same content. It automatically adjusts screen brightness for easy viewing. BYTON has also collaborated with Amazon to integrate Alexa Voice into the SUV's voice command. Moreover, the interior design of the SUV maximizes the space in the vehicle and uses luxury materials to create a bespoke lounge experience.

Having made its debut at the [International Consumer Electronics Show \(CES\)](#) in Las Vegas, BYTON aims to release the vehicle for sale by 2020. With smart mobility features and autonomous driving, BYTON is shaping the future of mobility. We have previously published other innovations in mobility and transport such as an [e-twin electric motorcycle](#). Made in the USA, this new motorcycle design is

all-electric and focuses on sustainability and minimalism. Another example is a new [electrified road](#) in Sweden. The electric road charges vehicles as they are being driven and reduces carbon emissions. In what other ways can technology be incorporated into conventional mobility designs to create smart, intuitive modes of transport?

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