

Nissan shared their vision for the future of mobility at CES Asia 2019 in Shanghai by showing technologies that access brain waves and merge the real and virtual worlds to assist drivers. These included their Invisible-to-Visible and Brain-to-Vehicle technologies, and their electric, all-wheel-drive IMs concept car.



By merging the real and virtual worlds, Invisible-to-Visible (I2V) can help drivers see the invisible—even what's around a corner or behind a building. Combining information from sensors inside and outside the car with data from the cloud, I2V can not only understand what's happening in the immediate area but also anticipate what's ahead, helping drivers feel more confident by providing guidance in an interactive, humanlike way, including avatars that can appear inside the car. Meanwhile, Nissan's Brain-to-Vehicle (B2V) technology, the world's first of its kind, interprets the driver's brain signals to assist with driving. By anticipating the driver's reactions, the B2V system can help initiate manoeuvres more quickly. It can also learn from the driver and make adjustments to reduce discomfort.

Unveiled at the 2019 Detroit auto show, the Nissan IMs is a new all-wheel-drive electric concept car that takes full advantage of Nissan Intelligent Mobility in its packaging, platform and powertrain technology. It's also the first concept car featuring I2V.