Audi Q4 Sportback e-tron - AR head-up display

With the optional augmented reality head-up display in the Q4 e-tron and Q4 Sportback e-tron, Audi is taking a huge step forward in display technology. The display reflects important information via the windshield on two separate levels, the status section and the augmented reality (AR) section. The information provided by some of the assist systems and the turning arrows of the navigation system as well as its starting points and destinations are visually superimposed in the corresponding place on the real-life outside world as content of the AR section and displayed dynamically. They appear to be floating at a distance of roughly ten meters from the driver.

Depending on the situation, they can appear considerably further ahead in some cases. The driver can understand the displays very quickly without being confused or distracted by them, and they are extremely helpful in poor visibility conditions.

The field of view for the AR content from the driver’s perspective is equivalent to a diagonal of around 70 inches. Below it is a flat near-field area window, known as the status section. It displays the speed driven and the traffic signs as well as the assist system and navigation symbols as static displays. It appears to hover about three meters in front of the driver.

Information depends on the equipment selected.

Audi Q4 Sportback 50 e-tron quattro: Combined electric power consumption in kWh/100 km (62.1 mi)*: 20.9 –17.6 (WLTP); 17.9 – 16.4 (NEDC) Combined CO_2 emissions in g/km: 0

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Source: www.audi-technology-portal.com
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