Revolutionizing wireless CAN connectivity: Introducing the Kvaser Air Bridge M12 'one to any' wireless CAN bridge

Mölndal, Sweden – June 24, 2024

Kvaser, a global leader in advanced Controller Area Network (CAN) solutions, proudly announces the launch of the **Kvaser Air Bridge M12** wireless CAN bridge device, a multi-role wireless CAN bridge that can be commissioned in a 'one to one' or 'one to any' configuration.

Multiple Pairings for Dynamic Networks

From factory floors to logistics hubs, the Kvaser Air Bridge M12 simplifies connectivity between one or more CAN networks (one to any). The multi-role device can be paired freely with any other Kvaser Air Bridge M12 device, allowing a system controller to connect to different CAN networks or nodes. An example is a control station that needs to connect to one or more remote apparatus, one at a time. Pairing of the Kvaser Air Bridge M12 can be changed at any time during operation using special commands sent over the CAN bus.

Technical Excellence Meets Durability

The Kvaser Air Bridge M12 uses a proprietary 2.4 GHz wireless protocol and frequency hopping mechanism to pair with another Kvaser Air Bridge M12, or one out of many Kvaser Air Bridge M12s. With integrated antennas, rugged housing, and a dust and water-tight M12 connector, Kvaser Air Bridge M12s are rugged enough for CAN-based control systems or test and measurement applications, almost anywhere.

Uniquely Low Latency

The Kvaser Air Bridge M12 offers uniquely low and predictable latency compared to other wireless technologies. As a result, it is well-suited for control tasks in remote-control applications with systems that require a rapid response such as electric warehouse vehicles, and the test and monitoring of static and moving test subjects.

Flexible Configuration

Pairing and configuration of Kvaser Air Bridge M12 devices is via a management protocol over the CAN bus that allows device parameters to be tailored to suit the operational needs of the system. This has logistics advantages; units can be added as a system grows, and if damaged, they can be replaced easily.

With advanced pairing mechanisms, networking features such as optional automatic baud rate detection and support for innovative access restrictions and situation awareness, the Kvaser Air Bridge M12 can be considered as a wireless alternative in CAN system integrations where a wired connection is unsuitable or challenging.

To find out more about the Kvaser Air Bridge M12, please visit https://kvaser.com/product/kvaser-air-bridge-m12/

About Kvaser: Kvaser is a world-leading CAN development company. We provide advanced CAN solutions to engineers designing and deploying systems in areas as wide-ranging as transportation (including electric vehicles), industrial automation, avionics, construction equipment, building automation, domestic appliances, marine, medical, military, railway, telecoms, textiles and more.

Kvaser is headquartered in Mölndal, Sweden, with regional offices in Mission Viejo, CA in the United States, and in Shanghai, China. Kvaser AB also has a global network of highly knowledgeable Qualified Resellers and Technical Associates. To find the nearest Kvaser supplier to you, please visit https://www.kvaser.com/products-services/where-to-buy/

More information is available at www.kvaser.com.

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