

# AsiaRF Launches Wi-Fi HaLow Industrial Remote Control Module AWH575-MF1

NEW TAIPEI CITY, TAIWAN, February 7, 2025 /EINPresswire.com/ -- [AsiaRF](#) announces the launch of its new [Wi-Fi HaLow](#) Industrial Remote Control Module AWH575-MF1, designed to meet the growing demands of industrial automation. This module is equipped with RS232, RS485, I2C, and SPI interfaces, providing outstanding performance for both wired and wireless communication, helping enterprises move forward in their digital transformation journey.

The wired section of the AWH575-MF1 supports data transmission speeds of up to 921.6kbps, ensuring excellent transmission efficiency over short distances. On the wireless side, the inclusion of Wi-Fi HaLow technology allows the module to achieve

transmission speeds of up to 10Mbps. This is not only an improvement in speed but also a revolution in communication range. Wi-Fi HaLow overcomes the limitations of traditional Wi-Fi and Bluetooth Low Energy (BLE), achieving effective communication distances of up to 1 kilometer, making it ideal for a wide range of industrial applications.

Furthermore, as Wi-Fi HaLow operates in the sub-GHz low-frequency band, it offers excellent anti-interference capabilities, ensuring stable operation even in challenging environments. This feature makes the AWH575-MF1 an ideal choice for establishing M2M (machine-to-machine) communication networks, particularly in fields such as smart grids and sensor networks, where long-range wireless communication is required.

AsiaRF's CEO emphasized, "Our AWH575-MF1 module is specifically designed to meet the current demands of the industrial sector. With the rapid development of IoT technology, businesses



need stronger, more flexible communication solutions. Our module will help businesses better integrate and manage various devices, enabling smart business operations.”

As the trends of digitization and automation continue to rise, the solution provided by the AWH575-MF1 will not only enhance communication efficiency but also represent a significant step towards intelligent manufacturing. Businesses can leverage this module to achieve more flexible operations and improve production efficiency, thereby gaining a competitive edge.

In conclusion, AsiaRF's new Wi-Fi HaLow Industrial Remote Control Module AWH575-MF1, with its high speed, wide range, and excellent anti-interference capabilities, provides businesses with a powerful tool to tackle future challenges.

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