

DATASHEET

Wi-Fi HaLow Gateway

ARFHL-AP

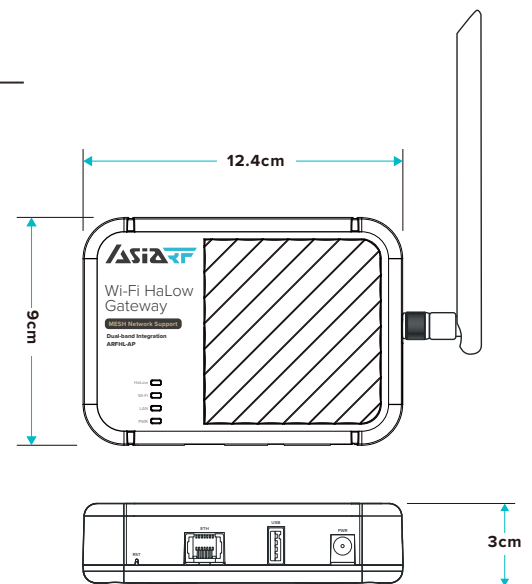
MESH Enabled



Description

The ARFHL-AP Dual-Band Wi-Fi HaLow MESH Gateway stands as a revolutionary advancement in the realm of Industrial Internet of Things (IIoT) connectivity. This groundbreaking development is characterized by its robust support for both 2.4GHz and HaLow frequencies within its intricate mesh network architecture. This dual-band capability not only broadens the spectrum of connectivity options but also marks a significant leap forward in addressing the diverse and evolving needs of industrial applications.

Engineered with precision, the ARFHL-AP is meticulously designed to deliver peak performance across a wide array of industrial settings. Its innovative dual-band feature allows it to transcend the limitations of traditional gateways, offering a seamless and adaptable connectivity solution. Beyond the realms of conventional connectivity, this device strives to redefine efficiency and flexibility in the context of industrial IoT.



Features

- **Versatile Networking Modes:** Simplify your network setup with ARFHL-AP's versatile connectivity, allowing you to tailor and scale your wireless network with unmatched flexibility.
- **Unprecedented Device Capacity:** Manage an extensive network supporting over 8,000 stable connections, quadrupling the capacity of traditional Wi-Fi access points with innovative star network topology.
- **Enhanced Long-Range Communication:** With cutting-edge technology, ARFHL-AP extends Wi-Fi reach to unprecedented distances.
- **Robust Data Transmission:** Attain consistent 150Kbps data rates beyond 1 kilometer, with high-speed video streaming for shorter distances.
- **Exceptional Signal Penetration:** The ARFHL-AP cuts through barriers with ease, offering a tenfold improvement in signal penetration compared to standard Wi-Fi frequencies, ensuring connectivity is strong and consistent.

For more detailed information, please contact our sales team: sales@asiarf.com / +886 2 29407880

