



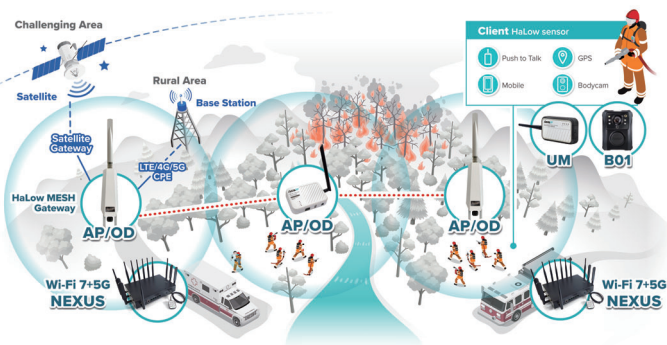
AI Body Worn Cam

PN : ARF-B01



See & Act in Seconds
*Live video, GPS & alerts with
Ambarella S5 & Sony sensors.*

- **High-Resolution Media & Night Vision** : Supports video up to 2688x1512P and photos up to 64MP. Equipped with a USA OV 5MP low-lux sensor for full-color night vision.
- **Rugged and Durable Design** : IP68-certified, 2-meter drop resistance, and flame-retardant shell—built for harsh environments.
- **Extended Recording & Hot-Swappable Battery** : Over 11 hours of recording in low-power mode, with a battery that can be replaced without shutting down.
- **Comprehensive Connectivity & Live Streaming** : Integrated 4G, Wi-Fi, and GPS with ONVIF/RTSP protocol support for real-time monitoring and streaming.
- **Ample Storage** : Supports up to 512GB TF cards, dual compression (H.265/H.264).



Wi-Fi 7 Router Board

PN : ARFHL-NEXUS

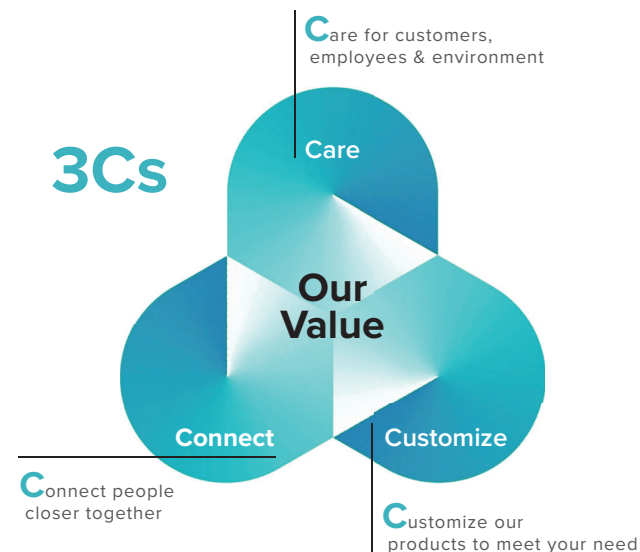
AP7988-003 Wi-Fi 7
*Router Board Ultra-fast
95,000 Mbps speeds with
extended range and AI power.*



- Wi-Fi7 IEEE802.11be High throughput 14,000 / 5,000 / 3,600 Mbps (Optional)
- OpenWRT compatible
- Real Time Clock RTC
- Asymmetric Cryptography
- Wi-Fi HaLow embedded (MM6108)
- SSD Slot (Optional 500GB/1TB)

From Wireless to AIoT : AsiaRF's Journey of Innovation

Over 27 years, AsiaRF expanded into Wi-Fi HaLow, earning the world's first certification in June 2023. Key milestones include launching Wi-Fi HaLow AIoT Solution Kits in September 2023 and a comprehensive Wi-Fi 7 ecosystem in July 2025, featuring high-speed modules, advanced platforms, and converter cards for AI PC and server integration.



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Wi-Fi HaLow Solution

*Future AIoT Solutions For
Advanced Connectivity.*



“

AsiaRF's Goal is "Extend Your Reach" —

Aims to convey that the core mission of AsiaRF is centered

“around extending your connections”

while simultaneously expanding your business influence !

”





Wi-Fi 7 High-Performance Modules

The AW7991-AE2, AW7990-NPD, and AW7990-AED are Wi-Fi 7 modules with MediaTek chipsets, supporting MU-MIMO and 4096-QAM, ideal for enterprise and IoT use



Wi-Fi 7 BE3600 M.2 A+E key Module

PN : AW7990-AED

- BE3600 dual-band dual-concurrent (2.4GHz 2T2R + 5GHz 2T2R).
- M.2 A+E Key interface for laptops, tablets, and embedded platforms.
- PCIe 2.0 connection, balancing speed and efficiency.
- Supports WPA3 and WMM QoS for secure, high-quality networking.

Wi-Fi 7 BE3600 Mini PCIe Module

PN : AW7990-NPD

- BE3600 dual-band dual-concurrent (2.4GHz 2T2R + 5GHz 2T2R), up to 2882Mbps on 5GHz/160MHz.
- Mini PCIe interface, ideal for embedded and expansion card use.
- Built-in iFEM for enhanced RF performance and stability.
- Supports MU-MIMO, MU-OFDMA, and 4096-QAM for efficient multi-user transmission.



Wi-Fi 7 BE5000 M.2 AE Key Module

PN : AW7991-AE2

- BE5000 dual-band (2.4GHz 2T2R + 5GHz 3T3R), 4323Mbps.
- PCIe 3.0 x2 interface for high data throughput speeds.
- Integrated MAC and accelerators to offload host CPU.
- Supports WPA3 security and WMM QoS for better reliability.



HaLowFly HaLow USB Dongle

PN : ARFHL-USB

Where effortless connection meets universal compatibility.

With HaLowFly, you can enjoy seamless wireless connectivity on any device — Android, iOS, Windows, or Linux. This plug-and-play HaLow USB dongle requires no drivers: just plug in, open your browser, and manage your connections. Fast, stable links let you stay connected anytime, anywhere.



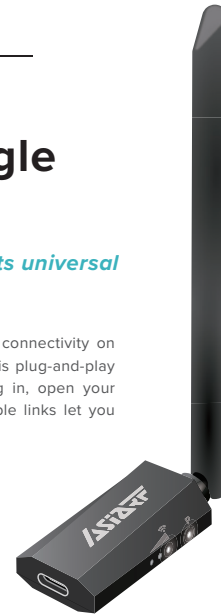
Stable Simple



Link in 10 Seconds



Plug & Play



Wi-Fi Cellular HaLow Powerful Router

PN : AP7622-WH1

Functions by MT7622 w/2.4/5GHz Wi-Fi manufacturer



HARDWARE FEATURE

- MT7622 SoC, UART, PWM, MDC/MDIO, JTAG, I2C, SPI, GPIO, USB(LTE)
- DDR3 256MB RAM
- SPI NAND 128MB (up to 512MB)
- Up to 1800 Mbps
- 5x Gigabit LAN, WEP/WPA/WPA2, AES, WPS

SOFTWARE FEATURE

- Supports OpenWRT, MTK SDK
- Network: DHCP, DDNS, NTP, DNS Cache/Proxy
- Advanced: Firewall, MAC/IP/Port Filter, Content Filter, Virtual Server, DMZ
- Video storage support

Wi-Fi HaLow Outdoor Gateway

PN : ARFHL-OD-MS01

ARFHL-OD-MS01 Outdoor Gateway is designed to fulfill field long



- **Wi-Fi 4, Wi-Fi HaLow** wireless combined in one IoT Gateway
- **Mediatek MT7628** chipset **580MHz MIPS 24KEC CPU** core
- **Wi-Fi HaLow Morse Micro MM6108** chipset
- **10/100M FE Ethernet** / Powered by **PoE (802.3af)**
- Support boot from **NOR Flash** / **2T2R Wi-Fi 4 PHY** Data Rate up to **300 Mbps**
- Security supports **64/128-bits WEP, TKIP, WPA, WPA2, AES, WPS**
- Multi-modes: Gateway, AP / Client



Wi-Fi HaLow Gateway

PN : ARFHL-AP

Wi-Fi HaLow IoT Network gateway Solution, Simple Setup, Powerful Results.



- **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.