

RA Ecosystem Partner Solution

AIFA Voice Command with IrDA Remote Control



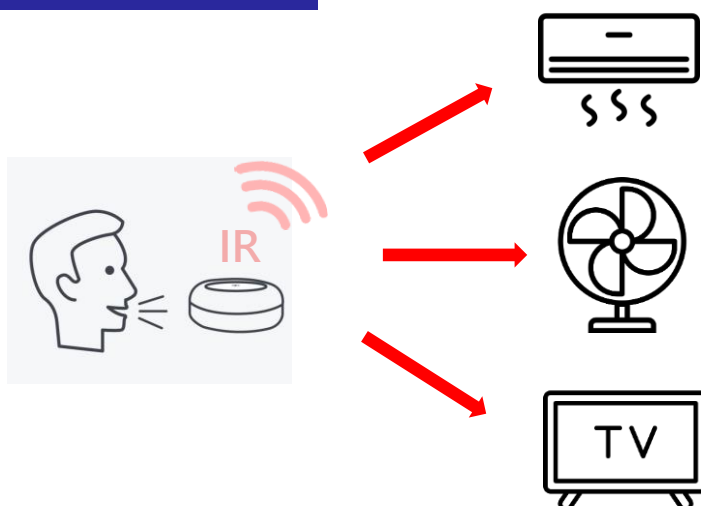
Solution Summary

The IrDA Remote Control Voice Command module combines an IR database and speech recognition to enable voice control for multiple IR appliances such as TV, air conditioner, light, set top box, and fan. AIFA provides one unit to control all. The AVIRC01 module enables people to enjoy hands-free voice control experience without an Internet connection or complex pairing process. AIFA Voice command supports [RA4M2 MCUs](#).

Features / Benefits

- Voice control for IR-enabled home appliances
- No Internet connection required
- Trigger word can be defined by users
- Able to learn up to 20 IR keys with the learning function
- Easy to set up air conditioner IR code with the match function
- IR data base coverage for Taiwan, Japan, US and Europe
- Deep knowledge and experience of universal remote control and IR database since 1993
- Suitable for edge devices using compact MCUs with small memory size and light CPU performance

Diagrams / Graphics



Target Markets and Applications

- Smart Home
- Home Appliance
- Consumer Electronics



Company Name	AIFA Technology Corporation
Headquarters Address	1F., No. 230 Sec.2, BaDe Road, Fongshan District Kaohsiung City 83053, Taiwan
CEO	Wen Lu, Ni
Business Description	IoT Products, Remote Control (IR/RF/BT/Wi-Fi Control Applications), Consumer Electronics Products, OEM/ODM Service
Subsidiaries	ChuanYu SMT Service Enterprise

AIFA TECHNOLOGY has manufactured universal remote controls since 1993. Those designs replaced multiple remotes and are more convenient and easier to operate. Our research team keeps skillful technologies and up-to-date knowledge for designing new and fashion style electronic products. We are the design house for transceiver and receiver. Our remote control designs not only contain a comprehensive library of different company product codes for applying every brand but also can operate varied home entertainment equipment such as TV, Air Conditioner, CD player, VCD, DVD Satellite receiver, Cable TV converter, Amplifier and other audio video components. Those are very friendly design and easy to use. Customers only need to enter 3 digit numbers of the brand code which is listed on the instruction or use the auto search mode to set up automatically.

There are many patents from our developing and research departments yearly. Our products have very good reputations on the markets in more than ten countries - US, Europe, Japan...etc. Our designs keep the modern shapes and powerful functions around the world. We own the confidence in our ability of designing the MICOM on the remote and Wi-Fi remote control box. AIFA produces high quality Wi-Fi remote controls along with other electronic products such as Amplifier, USB remote and receiver set, telephone Amplifier, Wi-Fi related products, and so on.

