Home Dynamic System
Network Structure Diagram

Any hacked electronic device with ESP8266

Amazon Echo,
Google Home,
Homekit etc

Home Dynamic
Controlled Device

Home Dynamic
Controlled Device

Home Dynamic
Protocol Adapter

Decentralized local area
networking (on top of HTTP)

Multiple users can
control the same
device at the same
time

Home Dynamic Module
(Web App)

ArOZ Portable System

Home Dynamic
Home Server

Direct Access Mode

Local Area Network
Discover

IMUS HDS Host
discover service

ArOZ Portable App

(Web Browser)

(Mobile App /
Desktop Program)

Internet / LAN
(TCP/IP)

Guest

User

User

User

Direct Access Mode

DAM is used when the home network system
failed. We usually recommend two WiFi router
with same SSID to prevent system failure.