

Etisalat Home Box Firmware Release Note

Version	Date	Description
0.01.01	2020-11-23	First release.
0.01.02	2020-11-30	Support 17 mobile APP APIs
0.01.03	2020-12-02	Fix the mobile APP APIs bug
0.01.04	2020-12-06	Support features
0.01.06	2020-12-18	Support 13 more mobile APP APIs
0.01.07	2020-12-25	Release for pre golden sample
0.01.08	2020-12-31	Support 23 more mobile APP APIs
0.01.09	2021-01-08	Support Vianeos local WebGUI (MP2)
0.01.10	2021-01-22	Bug fix and more mobile APP APIs

Version: 0.01.10

Date: 2021-01-22

Feature Added / Modification / Improvement:

- Support 13 more mobile APIs (Please check API document on Gdrive).
- Mobile API modifications:
 - Changed Ping Queue API parameter "Id" value as string;
 - Changed SpeedTest Queue API parameter "Id" value as string;
 - Support SpeedTest Queue API parameter "Address" equal to "", detect speed test server in background automatically .
- Support/enable PMF for WiFi.
- Updated CE/FCC normal power tables.
- Add extra phone line parameters to Arcadyan web GUI setup wizard page.

Bug Fix:

- Mobile API bug fix:
 - Fix Get Internet status API not reply the right status when INTERNET wan is DHCP or Static IP.
- Fix unable to change login password in Arcadyan web GUI setup wizard.
- Fix can not separate SSID configuration for 2.4 & 5GHz WiFi settings(need disable Band Steering first).
- Fix have no option to configure DFS settings and BAND STEERING settings.
- Fix [JIRA] 20382-3 status LED is not behave properly.
- Fix [JIRA] 20382-4 WPS LED is not behave properly during boot up period.
- Fix [JIRA] 20382-6 no default route in Stand Alone router scenario.
- Fix [JIRA] 20382-14 correct VoIP wan for port 5060.

Known Bugs & Limitation:

- The connected devices can not show clients connected to Guest WiFi.

Version: 0.01.09

Date: 2021-01-08

Feature Added / Modification / Improvement:

- Support 13 more mobile APIs (Please check API document on Gdrive).
- Support Vianeos web GUI 0.1:
 - 192.168.1.1 to open Vianeso web GUI.
 - 192.168.1.1/eng to open Arcadyan web GUI.
- Arcadyan WebGUI changes as Etisalat request:
 - Add phone line config page to setup wizard.
- Updated default WiFi nvram.
- Updated WiFi power tables.

Bug Fix:

- Mobile API bug fix:
 - Fix UDP notification data contains double “{”.
- Fix TR-069 InternetGatewayDevice.WANDevice.1.WANConnectionDevice.1.WANIPConnection.{i}.Enable do not take effect.
- Fix TR-069 InternetGatewayDevice.WANDevice.1.WANConnectionDevice.1.WANPPPConnection.1.Enable do not take effect.
- Fix TR-069 InternetGatewayDevice.LANDevice.1.WLANConfiguration.{i}.RadioEnabled do not take effect
- Fix TR-069 set WPS PIN failed.
- Fix TR-069 can not enable guest WiFi.

Known Bugs & Limitation:

- The connected devices can not show clients connected to Guest WiFi.

Version: 0.01.08

Date: 2020-12-31

Feature Added / Modification / Improvement:

- Support 23 more mobile APIs (Please check API document on Gdrive).
- Add speed test WebGUI page.
- Arcadyan WebGUI changes as Etisalat request:
 - Update “Network Status” page to show 4 WAN informations at the same time.
 - Update “Network Status” page to show IPv6 informations.

Bug Fix:

- Mobile API bug fix:
 - Fix "Blocked" parameter in devices list doesn't reflect the actual status.

Known Bugs & Limitation:

- The connected devices can not show clients connected to Guest WiFi.

Version: 0.01.07

Date: 2020-12-25

Feature Added / Modification / Improvement:

- Support Linux Container.
- Workaround to relay LAN IPv6 DNS query to WAN IPv4 DNS server.
- Add speed test background function.
- Change model name to “eLife Connect Wi-Fi 6 Home Gateway”.
- Arcadyan WebGUI changes as Etisalat request:

- Change WAN-Type string on the WAN Setting page and Setup Wizard page.
- Exchange the "Triple Play Gateway" button and "Stand Alone Router" in setup wizard page.
- Change to use Etisalat logo in BROWSER's icon space.
- Add reboot button at the TOP RIGHT corner of GUI page

Bug Fix:

- Mobile API bug fix:
 - Fix "Block/Unblock" of connected devices were not working.
 - Fix the "Blocked" parameter in connected devices response was always 0.
 - Fix some WiFi data parameters response are not in Body variable.
- Fix offline clients still display in the "Mesh Devices" WebGUI.
- Fix IPTV 5min stop issue under Huawei ONT.

Known Bugs & Limitation:

- The connected devices can not show clients connected to Guest WiFi.

Version: 0.01.06

Date: 2020-12-18

Feature Added / Modification / Improvement:

- Support 13 more mobile APIs (Please check API document)
- Mobile API changed:
 - add "Body" variable in JSON response format
 - add "Homebox" = "Arcadyan" in challenge response
 - change session timeout to 30 minutes
 - "Security Key" -> "SecurityKey"
 - "securityMode"-->"SecurityMode"
 - add WPAWPA2/AES support
 - add RssiDownsteering and RssiUpsteering data
 - add 20/40MHz for 2.4G "Set" method
- Support Wireless Schedule function to ON & OFF wireless SSIDs
- Support BLE scan
- Change IPTV interface default VLAN ID = 3
- Support WAN sensing for MGMT VLAN
- Support ALGs
- Support VPN Pass Through

Bug Fix:

- Fix IPTV can not work under Huawei ONT

Known Bugs & Limitation:

- The connected devices can not show clients connected to Guest WiFi.

Version: 0.01.04

Date: 2020-12-06

Feature Added / Modification / Improvement:

- Change the wireless manager object name for mobile APP APIs as Vianeos request
- Support LED control
- Support IPv6 Networking
- Support IPv6 DS Lite
- Support WPA3
- Support Wireless client monitor
- Support WPS PIN
- Support WMM and WMM no ACK
- Support setup wizard for choosing PNP/tripleplay/standalone router
- Support VoIP

Bug Fix:

Known Bugs & Limitation:

- The connected devices can not show clients connected to Guest WiFi.

Version: 0.01.03

Date: 2020-12-02

Feature Added / Modification / Improvement:

Bug Fix:

- Fix that bug that response corrupted data when call list of connected device with mobile api

Known Bugs & Limitation:

- The connected devices can not show clients connected to Guest WiFi.

Version: 0.01.02

Date: 2020-11-30

Feature Added / Modification / Improvement:

- Support 17 mobile app APIs
- Support WEB GUI setup wizard

- Supports IPv4 / IPv6 dual IP stack
- Supports PPPoE (oA) – IPoE(oA)
- Supports DHCPv6 Stateful/stateless DHCPv6 client
- Supports Stateless DHCPv6 server
- Supports IPv6 Relay
- Supports IPv6 Prefix Delegation
- Supports ICMPv6

Bug Fix:

Known Bugs & Limitation:

- The connected devices can not show clients connected to Guest WiFi.

Version: 0.01.01

Date: 2020-11-23

Feature Added / Modification / Improvement:

- Support Multiple WAN
- Support 802.1q VLAN
- Support DHCP Option 43/60/121
- Support DNS server & relay
- Support DMZ/Virtual Server/Port Forwarding/ Port Triggering
- Support DDNS (DynDNS, TZO, NoIP, ChangeIP, ZoneEdit, DNSDynamic)
- Support IP Static Routes
- Support for Wan interface MAC-Cloning
- Support IGMPv3 proxy (Fastleave)
- Support IGMP snooping
- Support dual band 2.4GHz and 5GHZ wireless networks connection simultaneously.
- Support MU-MIMO
- Support WAVE-2
- Support NITRO-QAM
- Support manual/auto radio channel selection
- Support WPS function for easy wireless association
- Support Wi-Fi Multimedia (WMM)
- Support WPS push button-based client association
- Support Seamless media sharing via UPnP and DLNA
- Support Content sharing, Samba file server, UPnP A/V Media server and control point DLNA
- Support HDD file systems FAT32, NTFS, EXT2, EXT3, EXT4, HFS+
- Support File Server for local LAN Clients
- Support Packet Inspection Firewall (SPIF)
- Support Anti-DoS Firewall.
- Support Customizable firewall security levels

- Support intuitive and icon-based web user interface for configuration & connected devices
- Support Firmware Upgrade Active / Standby banks
- Support TR-069, TR-098, TR-106, TR-181, TR-157, TR-232, TR-111, TR-143, protocols for remote management
- Support for NTP protocol for time-based management
- Support for remote management over web user interface with customizable ports
- Support for configuration backup and restore
- Support Ping & Trace Route diagnostics
- Support Wi-Fi on/off button

Bug Fix:

Known Bugs & Limitation: