

ZyXEL AG-120 Multilingual Version

Release 2.0.0(AC)

Release Note

Date: November. 6, 2007

Supported Platforms:

Driver: Windows 2000, Windows XP, Windows XP 64-bit, Windows Vista, Windows Vista 64-bit

Utility: Windows 2000, Windows XP, Windows XP 64-bit, Windows Vista, Windows Vista 64-bit

Driver version:

7/20/2006 1.5.4.6

Known issue:

1. Interoperability issue: AP (ZyAIR G-3000H v3.50 [AAC.1] C0) is WPA-MIX mode, two G-120 clients (WPA-PEAP) can't access each other, they only can access Ethernet station. If G-3000H is WPA2-PSK-MIX mode, wireless STA sometimes can't access each other.
2. Interoperability issue: AP is WPA2-mixed (or WPA2-PSK-Mixed mode) mode, DUT can't associate to AP on WPA (or WPA-PSK) with Funk Odyssey client v4.5 (DUT utility and Windows Zero Configuration don't cause this issue.)
3. In Win98/ME/2K/XP/XP64, Wireless client didn't install the root CA. User used "Validate Server Certificate" mode to authenticate; it passed the authentication.
4. DUT set in long preamble, but DUT send out the packet with short preamble.
5. In all OS, DUT associate to AP or try to associate to AP repeatedly, DUT utility would hang sometimes.
6. After uninstalling driver and utility, *.inf files can't be removed.
7. Manual Start OTIST, DUT still could connect AP without OTIST start. DUT should disconnect to AP.
8. DUT connect to AP with profile successfully. Then DUT disconnected and start OTIST function. DUT couldn't connect to AP which is running OTIST function and show wrong setup key error message.
9. IOP: P-2602HWL-D1A wireless QoS function(by application port) isn't noticeable sometimes if wireless clients are ZyXEL G-120/AG-120/G-320H/AG-320 (chipset: ZD1212B, driver: 1.5.4.6). (If clients are Intel 2200 or 2915 chipset, driver: 9.0.4.17, the QoS function works normally.)
10. In all OS, sometimes GUI-> Survey function works failure, survey list becomes empty. (If the neighbor AP's SSID numbers are more than 50, this issue usually happened.)
11. In PQA_SW1 tester office (Neighbor AP more than 50), the ZyDAS ZD1212b chipset DUT (G-120/G-320H/AG-120/AG-320 driver: v1.5.4.6) connected ability is weak, many features sometimes can't work normally. (Ex: Site survey 、OTIST 、WPA 、WPA2.....)
12. In Vista/Vista64, utility initial time takes approximately 1.5 to 2 minute.
13. If ZyXEL P-335U works on WPA/WPA2 mode, the re-authentication timer is "600" seconds. It's more than 3 minutes that DUT couldn't associate to AP automatically after "re-authentication". This issue occurs on all OS.

Notes:

1. No Refresh icon in Site Survey and Profile page.

2. It does not support when security is 802.1x and dynamic WEP key is disabled.
3. If SSID's length is more than 23, OTIST can't work.
4. It must select the check box of "Mark this key as exportable. This will allow you to back up or transport your keys as a later time" when users import the certificate. If users don't select it, the EAP-TLS/WPA-TLS/WPA2-TLS mode can't associate to AP.
5. Remove the bridge option in Software AP because ZyDAS's bridge is not stable.
6. In Software AP, it can't clear all MAC in Association List of Link Info. That's ZyDAS driver issue.
7. When running on the Ad-Hoc mode with 802.11b+g, DUT runs on 802.11b frequency. User can change this default value from advance tab of ZyXEL wireless PCI Adapter. Change IBSS_Wireless_Mode's value to IBSS_G_Mode.
8. [In Vista/Vista64, user's PC should use 1GB RAM or higher.](#)

Features:

Modification in 2.0.0(AC) | 11/6/2007

1. Driver Changed.

[1.1 N/A](#)

2. Utility Changed.

[2.1 Convert version string from "2.0.0\(AC\) b1" to "2.0.0\(AC\)".](#)

Modification in 2.0.0(AC) b1| 07/12/2007

1. Driver Changed.

1.1 Remove Ndis6 driver.

2. Utility Changed.

2.1 Convert version string from 1.0.0 to 2.0.0(AC) b1.

2.2 On Vista and Vista64, utility won't be launched after user install utility and driver.

2.3 If the neighbor AP's SSID numbers are more than 50, GUI-> Survey function sometimes works failure. GUI will show error message and turn pointer status from busy to normal select.

2.4 Utility could connect to AP before user logs on.

2.5 [Bug fixed] SPRID: **060828514**

Add new profile with the same profile name. It shouldn't overwrite the old profile. It should pop up the "duplicate profile name" error message.

2.6 [Bug fixed] SPRID: **060831752**

User install the utility and driver with administrator account. Restart the PC and login with normal user account. Normal user account couldn't use the utility.

2.7 [Bug fixed] SPRID: **060825430**

When enabled the WMM in utility. The WMM could work normally. But, The WMMQoSsupport showed "Disable" in DUT--> Configure--> Advanced

2.8 [Bug fixed] SPRID: **060825431**

When installed the AG-120 utility. The DUT--> Configure--> Advanced--> WMMQoSsupport didn't work. Because the WMM function had controlled from utility.

2.9 [Bug fixed] SPRID: **060829576**

When add a Profile. The Scan Info didn't scan automatically right now. It showed old informations.

2.10 [Bug fixed] SPRID: **060829578**

Site survey sometimes couldn't refresh successfully. It sometimes didn't seem refresh action

2.11 [Bug fixed] SPRID: **060728919**

Users configure DUT as Ad-Hoc mode, set frequency="Auto" and channel="1", DUT associate to 802.11g AP, its utility Link info show the transmission rate as 54Mbps, but the network mode is "802.11b".

Modification in 1.0.0-D1.5.4.6-Vista b1| 03/09/2007

1. Driver Changed.

1.1 Add Vista and Vista64 driver

2. Utility Changed.

2.1 N/A

Modification in 1.0.0 | 09/01/2006

1. Driver Changed.

1.1 Pass WHQL certification.

2. Utility Changed.

2.1 Convert version string from "1.0.0b7" to "1.0.0".

Modification in 1.0.0b7 | 08/28/2006

1. Driver Changed.

N/A

2. Utility Changed.

2.1 [Bug Fixed]

Apply the profile. The OTIST was disabled automatically.

2.2 [Bug Fixed]

OTIST auto-start function doesn't work. When DUT disconnected to AP and saved the DUT's OTIST.

After 10 seconds, the DUT's OTIST auto starts.

2.3 Add warning message when users install the Utility on Win98 or WinME.

Modification in 1.0.0b6 | 08/23/2006

1. Driver Changed.

N/A

2. Utility Changed.

2.1 [Bug Fixed]

OTIST auto-start function doesn't work.

2.2 [Bug Fixed]

In Site Survey and Profiles page, the sort result is confused.

2.3 [Bug Fixed]

OS can't finish the DUT driver/utility installing process after rebooting.

2.4 [Bug Fixed]

In all OS, In AP mode. The utility didn't work normally with 11a channel. Especially was channel 52, 60, 116, 124, 132 or 140.

2.5 [Bug Fixed]

Information in UI shows error after pull out/insert. After pull out/insert, the channel will be change from 36 to 24.

2.6 [Bug Fixed]

OTIST function disable after DUT run with Ad-Hoc mode.

2.7 [Bug Fixed]

Channel list doesn't match between SoftAP and Ad-Hoc mode with 11a.

2.8 [Bug Fixed]

Users create one security profile and connect to AP, disable the utility, then enable it again; the utility profile name is blank, it doesn't keep the previous profile name.

2.9 [Bug Fixed]

Enable Power Saving Mode and apply other profile. Power Saving Mode don't work.

2.10 In Win2K/XP/XP64, user creates new profile first, edit this profile name to another name, utility will possess two profiles. The created profile name can't be edited now.

2.11 DUT start OTIST function automatically, it will stop OTIST detecting after 60 seconds if STA didn't connect to any OTIST AP.

2.12 Manual start the OTIST and cancel. DUT pop up the "Please make sure if you have a ZyXEL G+(or Wireless Routers) and OTIST function is enabled" error message

2.13 Support English help.

Modification in 1.0.0b5 | 07/24/2006

1. Driver Changed.

1.1 Driver version: 7/20/2006 1.5.4.6

2. Utility Changed.

2.1 Support WMMQoS Mode

2.2 Remove the bridge option in Software AP

2.3 The checkbox option of OTIST is disabled by default

2.4 [Bug fixed]

In Win98/ME/2K/XP/XP64, let DUT associate to AP(channel 1) with no WEP encryption, change AP working channel to channel 2, observe DUT behavior, sometimes it can't associate to AP automatically or Utility shows wrong channel value.

2.5 [Bug fixed]

In Win98/ME/2K/XP/XP64, "Utility->Link Info-> Transmit/Receive Rate" are not accurate; they usually show as 0 kbps. (Both of 802.11a/g).

2.6 [Bug fixed]

In Win98/ME/2K/XP/XP64, DUT works on "Auto" frequency mode, it associate to 802.11a mode SSID, but Link Info status shows as "802.11g"

2.7 [Bug fixed]

In Win98/ME/2K/XP/XP64, when user uses the site survey "Scan" button first time, the "Available Network List" is empty.

2.8 [Bug fixed]

In Win98/ME/2K/XP/XP64, users create some profiles then remove driver and utility, install the driver and utility again, the old profile still exist.

2.9 [Bug fixed]

In all OS, DUT works on AP mode or Station mode, user set security setting as WEP Passphrase mode (any string) and save it, then change it to 64bit WEP Key-1 (0x11111111) and save it, user switch to other Utility page (ex: Link Info), back to Configuration page, the security setting is WEP PassPhrase mode.

2.10 [Bug fixed]

In all OS, DUT works on Station mode, set frequency mode as 802.11a only, close the system tray utility, reopen the utility, check the Site Survey page and scan, it show 802.11g AP sometimes.

2.11 [Bug fixed]

In all OS, DUT works on AP mode, the MAC filter table doesn't limit MAC address format, and user can type "12345678901234567" for it.

2.12 [Bug fixed]

In all OS, DUT works on AP mode, the MAC filter table accept same MAC address in it.

2.13 [Bug fixed]

In Win98/2K, DUT works on AP mode, the Utility icon color is wrong.

2.14 [Bug fixed]

In Win2K only, DUT works on AP mode, user change the channel from 36 to 161, but DUT still work on channel 36.

2.15 [Bug fixed]

In all OS, DUT had disconnected from AP, but the Utility -> Link Info page kept old information.

2.16 [Bug fixed]

In all OS, user set Profile Name as 32 characters (Ex. WWWWW.....) and connects to AP; Utility -> Link Info menu became disorderly.

Modification in 1.0.0b4 | 07/8/2006

1. Driver Changed.

N/A

2. Utility Changed.

2.1 Support Software AP

2.2 [Bug fixed]

DUT can't associate to AP normally after user change the profile frequently.

Modification in 1.0.0b3 | 06/27/2006

1. Driver Changed.

N/A

2. Utility Changed.

2.1 Update translation of 802.11a

2.2 Add Frequency field to Profile page.

2.3 [Bug fixed]

In Win98/ME/2K/XP/XP64, install G-120 dirver/utility, then install AG-120 driver/utility and reboot the OS, after login the OS, it will pop up two utility at the same time, both G-120 and AG-120 utilities can access AG-120 card.

2.4 [Bug fixed]

In Win98/ME/2K/XP/XP64, DUT works on "Auto" frequency mode and view some profiles which were created by "802.11a" or "802.11b+g" frequency mode; the profile were showed as pale words.

2.5 [Bug fixed]

In Win98/ME/2K/XP/XP64, "Utility->Link Info->Transmit/Receive Rate" are not accurate; they usually show as 0 kbps. (Both of 802.11a/g).

2.6 [Bug fixed]

When Wireless STA tries to associate with AP, the Utility icon color is green. (It's better to change it.)

2.7 [Bug fixed]

Security mode descriptions are different in some utility pages. (It is better to unify security mode descriptions: WEP, 802.1x, WPA, WPA-PSK, WPA2, WPA2-PSK, Disabled).

2.8 [Bug fixed]

In Utility (Survey page and profile page), user can't use keyboard to call out the data.

2.9 [Bug fixed]

In Win98/ME/2K/XP/XP64, during user change the DUT frequency mode repeatedly, it occur some issues.

Modification in 1.0.0b2 | 06/05/2006

1. Driver Changed.

N/A

2. Utility Changed.

2.1 [Bug fixed]

In Win98/ME/2K/XP, user create the WPA/WPA2 profile with AES encryption and activate later, edit the profile again, the encryption mode is still "TKIP" sometimes, and vice versa.

- 2.2 It must have certificate when users use EAP-TLS/WPA-TLS/WPA2-TLS mode
- 2.3 Support Multi-Language (English, German, French, Spanish, Italian, Traditional Chinese and Russian)

Modification in 1.0.0b1 | 05/18/2006

1. Driver Changed.

- 1.1 Driver version: 3/17/2006 1.4.0.0

2. Utility Changed.

- 2.1 Utility version: 5/18/2006 1.0.0b1