

# ZyXEL ZyAIR G-220F English Version

## Release 2.0.0

### Release Note

**Date:** Apr. 04<sup>th</sup>, 2006

#### **Supported Platforms:**

Window98 SE, Window ME, Windows 2000, Windows XP

#### **Known issue:**

1. G-220F connected to G-220F AP with enable power saving mode. The performance was very worse.
2. DUT's utility couldn't connect to AP(Gateway, P334WT) with WPA2-Mixed mode and WPA2-PSK Mixed mode.
3. In no-admin user. Unplug and plug the DUT. DUT couldn't work. You must cancel the "Install Program As Other User" Page and go to My computer--> WLAN INSTALL(Right button--> apply Eject)
4. In XP 64bit OS. After uninstalled. The "ZXG220F.sys" didn't remove
5. In Ad-hoc mode. DUT didn't support 11g

#### **Features:**

##### **Modification in 2.0.0 | 04/04/2006**

###### **1. Driver Changed.**

Pass WHQL.

###### **2. Utility Changed.**

Add Windis 5.0 file.

##### **Modification in 2.0.0 | 30/03/2006**

###### **1. Driver Changed.**

Pass WHQL.

###### **2. Utility Changed.**

N/A

##### **Modification in 2.0.0b5 | 27/02/2006**

###### **1. Driver Changed.**

Change to 4.13.0.0.

###### **2. Utility Changed.**

N/A

##### **Modification in 2.0.0b4 | 09/02/2006**

###### **1. Driver Changed.**

Change to 4.12.

###### **2. Utility Changed.**

- 2.1 [Bug fixed] SPRID: **060118908**  
Site survey--> WPA/WPA2. When EAP-TLS and EAP-PEAP setting was null. The save button could apply.
- 2.2 [Bug fixed] SPRID: **060118910**  
In 98SE OS. After uninstall the DUT. The Windows /INF /zxc220f.PNF didn't remove
- 2.3 [Bug fixed] SPRID: **060124216**  
WPA2-PSK error key message was showed WPA-PSK
- 2.4 [Bug fixed] SPRID: **051207536**  
DUT 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.
- 2.5 [Bug fixed] SPRID: **060124217**  
Sometimes the WPA-TLS and WPA2-TLS couldn't successful. It was no reason to occur
- 2.6 [Bug fixed] SPRID: **060124218**  
Site Survey--> WPA/WPA2--> TKIP/AES--> EAP-PEAP--> back--> next--> The EAP-PEAP format was wrong. It was the EPA-TLS format

### **Modification in 2.0.0b3 | 20/01/2006**

#### **1. Driver Changed.**

N/A.

#### **2. Utility Changed.**

- 2.1 [Bug fixed] SPRID: **051207546**  
DUT 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.
- 2.2 [Bug fixed] SPRID: **051229651**  
Site survey--> WPA-AES/WPA2-AES was failed. It still used the WPA-TKIP/WPA2-TKIP to connect.
- 2.3 [Bug fixed] SPRID: **060118905**  
The certificate browser name was showed wrong.
- 2.4 [Bug fixed] SPRID: **060118906**  
The 256 WEP key error message was showed 26-58 characters. V1.0.0 is ok
- 2.5 [Bug fixed] SPRID: **060118907**  
Site survey--> WPA-PSK/WPA2-PSK didn't pop up the error message and save. When it didn't keyin the 8-63 characters. Including the null
- 2.6 [Bug fixed] SPRID: **060118908**  
Site survey--> WPA/WPA2. When EAP-TLS and EAP-PEAP setting was null. The save button could apply.
- 2.7 [Bug fixed] SPRID: **060118909**  
In 98SE OS. DUT's utility often couldn't open. After end the zyairdummyg-220f.exe. The utility could open again.
- 2.8 [Bug fixed] SPRID: **060118910**  
In 98SE OS. After uninstall the DUT. The Windows /INF /zxc220f.PNF didn't remove
- 2.9 [Bug fixed] SPRID: **060118912**  
DUT could keyin any number characters in WEP key. It didn't limit
- 2.10 [Bug fixed] SPRID: **060118915**  
Changed the WPA-PSK/WPA2-PSK key name and error message from "Pass Phrase" to "Pre-Shared Key". Including the site survey function..
- 2.11 [Bug fixed] SPRID: **060118916**  
In WinME OS. After install the DUT. Restart the PC. After restart the PC. PC pop up the error message

**Modification in 2.0.0b2 | 03/01/2006**

**1. Driver Changed.**

Change 3.0.0.0 WHQL to 4.11.

**2. Utility Changed.**

- 2.1 [Bug fixed] SPRID: **051207533**  
In Win98SE/ME OS. ZD1211U.inf didn't remove after uninstall the utility and driver.
- 2.2 [Bug fixed] SPRID: **051207534**  
G-220F's OTIST failed with P-334WT set 128 WEP Passphrase key"1"
- 2.3 [Bug fixed] SPRID: **051207535**  
Suggestion: Changed about information from "ZyAIR" to "ZyXEL"
- 2.4 [Bug fixed] SPRID: **051207536**  
Help page didn't Update WPA2 function on GUI
- 2.5 [Bug fixed] SPRID: **051207544**  
Link info's authentication showed wrong message with WPA2/WPA2-PSK
- 2.6 [Bug fixed] SPRID: **051207545**  
When transmission rate set 9 or 6 Mbps. The profile info showed "5.5 Mbps"
- 2.7 [Bug fixed] SPRID: **051207546**  
DUT 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.
- 2.8 [Bug fixed] SPRID: **051229651**  
Site survey--> WPA-AES/WPA-AES was failed. It still used the WPA-TKIP/WPA2-TKIP to connect.
- 2.9 [Bug fixed] SPRID: **051229658**  
G-220F can not support "blank" in password in WPA-PSK/WPA2-PSK mode.
- 2.10 [Bug fixed] SPRID: **051229683**  
When EAP-TLS and EAP-PEAP setting was null. The next button could apply.

**Modification in 2.0.0b1 | 11/25/2005**

**1. Driver Changed.**

N/A.

**2. Utility Changed.**

- 1.1 Add WPA2 support use Funk Odyssey Supplicant SDK 3.10.

**Modification in 1.0.0 | 07/08/2005**

**1. Driver Changed.**

Change to 3.0.0.0 WHQL.

**2. Utility Changed.**

No Change.

**Modification in 1.0.0 b18 | 06/13/2005**

## **1. Driver Changed.**

No Change.

## **2. Utility Changed.**

2.1 [Bug fixed] SPRID: **050519241**.

After Hibernating, Standby, Disable, Enable or plug-out and plug-in DUT. DUT doesn't using default profile to connect. It occurred on 802.1x, WPA, WPA-PSK

2.2 [Wish implement] SPRID: **050601012**.

To verify that reboot message will pop up after utility uninstalled

2.3 [Bug fixed] SPRID: **050602117**.

Open authentication can't save in profile. It still showed auto authentication.

2.4 [Bug fixed] SPRID: **050606219**.

DUT connected to AP with long time. The profile list will empty.

2.5 [Bug fixed] SPRID: **050606228**.

In Win ME and Win 98SE OS. About showed wrong driver version. It was showed 3.0.82.36.

## **Modification in 1.0.0 b17A | 05/30/2005**

### **1. Driver Changed.**

1.1 Change driver to 3.0.0.0.

### **2. Utility Changed.**

2.1 [Bug fixed] SPRID: **050314749**.

After installed and uninstalled the utility and driver. PC should be required if yes or no reboot

2.2 [Bug fixed] SPRID: **041111421**.

In Win98SE. Before finished the install. DUT pop the "You can plug-in your wireless LAN adapter now" page

2.3 [Bug fixed] SPRID: **050421062**.

802.1x-TLS can't browser the CA and can't work properly.

2.4 [Bug fixed] SPRID: **050518090**.

Radius-PEAP and WPA-Radius-PEAP didn't work successfully.

2.5 [Bug fixed] SPRID: **050519241**.

Disable and enable DUT. DUT doesn't using default profile to connect.

2.6 [Add]

This code include that use region code to change support channel.

## **Modification in 1.0.0 b16 | 05/17/2005**

### **1. Driver Changed.**

None.

### **2. Utility Changed.**

2.1 [Bug fixed] SPRID: **050314768**

Win98SE, ME. Driver version is wrong from the utility about

1.2 [Bug fixed] SPRID: **050314763**

If no AP started OTIST function. DUT starded the OTIST that couldn't associate any AP.

1.3 [Bug fixed] SPRID: **050314765**

If DUT's OTIST setup key was different with AP. DUT could connect to AP in OTIST progress, but couldn't connect to AP after OTIST progress.

- 1.4 [Bug fixed] SPRID: **050314772**  
Utility often can't change the data rate by manually.
- 1.5 [Bug fixed] SPRID: **050314753**  
If two profile name is "AD" and "ad". The profile list will occur error.
- 1.6 [Bug fixed] SPRID: **050314754**  
Default profile's SSID should "any". If you keyin SSID which was "any" on new profile, it should connect to any AP.
- 1.7 [Bug fixed] SPRID: **050314767**  
Cancel the OTIST manual start. It should pop up the "Please make sure... " message.
- 1.8 [Bug fixed] SPRID: **050421060**  
When DUT can't connect to AP with auto OTIST one minute. DUT pop up the message didn't complete.
- 1.9 [Not happen] SPRID: **050421062**  
802.1x-TLS can't browser the CA and can't work properly    802.1x-TLS can't browser the CA and can't work properly
- 1.10 [Bug fixed] SPRID: **050421064**  
After auto start OTIST one minute which DUT can't connect to AP. Auto start OTIST didn't stop.
- 1.11 [As your wish] SPRID: **050421065**  
WPA and WPA-PSK were only have TKIP encryption type.
- 1.12 [Follow the suggestion] SPRID: **050421069**  
Suggestion: Remove the MD5, TTLS, LEAP from the RADIUS and WPA
- 1.13 [Bug fixed] SPRID: **050426283**  
When Install the G-162 and G-220F utility. Plug in the G-220F, only the G-220F utility appeared. But Plug in the G-162, the G-162 and G-220F utility appear at the same time. It was the G-220F utility issue, when G-162 plug in.
- 1.14 [Bug fixed] SPRID: **050502029**  
In AP Mode. 64,128,256 bits PassPhrase key don't work.
- 1.15 [It's OK] SPRID: **050503060**  
In AP Mode. Changed the SSID. DUT's SSID name didn't changed immediately in beacon packet.

## **Modification in 1.0.0 b15 | 04/28/2005**

### **1. Driver Changed.**

No change.

### **2. Utility Changed.**

- 2.1 [BUG FIXED] The SPR item 4, 15, 21, 28
- 2.2 The item 13 in No WEP and WEP is OK, others are fail.
- 2.3 The item 19 is driver limitation.