

Release Note For ZD1211B WLAN Software Package

Version 6.3.0.0 WHQL

1. Release Information

1.1 Application Information

Release Date	2005/10/18
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K/64
Package File	ZD1211BWinPkgM_6_3_0_0_WHQL

1.2 Version Information

Release Content	This Version	Last Version	Changed
Driver	6.3.0.0	6.2.0.0	V
Utility(ZDWlan)	2.22.0.0	2.18.0.0	V
Dot1x	2.13.0.0	2.12.0.0	V
Soft-Bridge	5607		
Evaluation Tool	5.2.0.1	5.2.0.0	
EEPROM	5A18	5727	
ZD1211 Driver	4.11.0.0	4.7.0.0	

2. Release Notes

Driver:

- Modified the problem for KT that the Driver has bug when the aging program runs
- the adapter must disconnect when the WMM enables or disables
- Modified the blue screen problem on some machines
- improve IQView and N4010A test solution stability
- Modified the OID ZDAdhocMode

ZDWLAN:

- Modified the PSP and WMM ICON to beautify
- Added the issue that the message pops when the WEP key does not match
- Added the issue that the utility always fix the rates when the adapter plug and play
- Modified the confused username when PEAP and TTLS setting
- Modified the confused rate when the adapter in the IBSS mode
- the Windows Zero Configuration service always stop when ZDWLAN enables
- Added the Japane2 issue.
- Pass WiFi Extend EAP Category 1 (detect Root CA expire)
- fix WEP Key 256bit cause UI crash bug

Dot1x:

- Pass WiFi Extend EAP Catetory 1 (detect Root CA Expire)

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Version 6.2.0.0

3. Release Information

1.3 Application Information

Release Date	2005/10/18
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K/64
Package File	ZD1211BWinPkgS_6_2_0_0

1.4 Version Information

Release Content	This Version	Last Version	Changed
Driver	6.2.0.0	6.1.0.0	V
Utility(ZDWlan)	2.18.0.0	2.16.0.0	
Dot1x	2.12.0.0		
Soft-Bridge	5607		
Evaluation Tool	5.2.0.1	5.2.0.0	V
EEPROM	5A18	5727	V

4. Release Notes

Driver:

- Change some setting for PHY and RF
- Added the band edge issue
- Added the ZDG6MBandEdgeState and the ZDG6MBandEdgeState belonged to OID_ZD_CUSTOM

EEPROM:

- The EEPROM enabled the band edge issue.

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Version 6.1.0.0

5. Release Information

1.5 Application Information

Release Date	2005/10/04
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K/64
Package File	ZD1211BWinPkgS_6_1_0_0

1.6 Version Information

Release Content	This Version	Last Version	Changed
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Driver	6.1.0.0	6.0.0.0	V
Utility(ZDWlan)	2.18.0.0	2.16.0.0	V
Dot1x	2.12.0.0		
Soft-Bridge	5607		
Evaluation Tool	5.2.0.0	4.3.0.0	V
EEPROM	5727		

6. Release Notes

Driver:

- Modified the regulatory issue
- Added the ZDWMMQosMode of OID_ZD_CUSTOM issue
- fixed WMM S3-WPA-5 problem
- Change some setting for PHY and RF

ZDWLAN:

- Added the PSP issue
- Added the WMM Qos issue
- Added the new region
- Modified the problem that command line parameter "-exit" to can't let application auto exit.

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7. Release Information

1.7 Application Information

Release Date	2005/09/22
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K/64
Package File	ZD1211BWinPkg_6_0_0_0

1.8 Version Information

Release Content	This Version	Last Version	Changed
Driver	6.0.0.0		V
Utility(ZDWlan)	2.16.0.0		
Dot1x	2.12.0.0		V
Soft-Bridge	5607		
Evaluation Tool	4.3.0.0		
EEPROM	5727		

8. Release Notes

Driver:

- Added the WMM issue.
- Added the WMMQosSupport in the Network Properties

- Added the QosTagPolicy in the Network Properties
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9. Release Information

1.9 Application Information

Release Date	2005/10/06
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K/64
Package File	ZD1211BWinPkgM_5_3_0_0

1.10 Version Information

Release Content	This Version	Last Version	Changed
Driver	5.3.0.0	5.2.0.0	V
Utility(ZDWlan)	2.18.0.0	2.13.0.0	V
Dot1x	2.12.0.0	2.7.0.0	V
Soft-Bridge	5607	4712	
Evaluation Tool	5.2.0.1	4.3.0.0	V
EEPROM	5727	0627	
ZD1211 Driver	4.11.0.0	4.7.0.0	V

10. Release Notes

Driver:

- Added the issue that the Channel14 is the B-Only mode
- Added the AL7230S_RF
- Added the AL2232_RF
- Added the new region issue.
- Added the IQ-balance issue
- Added the PSP issue.
- Added the ZDPSPXLinkMode of OID_ZD_CUSTOM issue
- Added the PSPXLinkMode in the Network Properties
- Change some setting for PHY and RF
- Added the band edge issue.

Dot1x:

- Packet filter interface cancel promiscuous mode
- Solved the WPA TTLS compatibility problem with devicescap server.
- Solved the WPA TLS compatibility problem with devicescap server.
- Solved the PEAP compatibility problem with Funk/Meetinghouse server.
- Solved the problem that failed to parse WPA2 encrypted data.

ZDWLAN:

- Modified the problem that the soft AP can't select G-Only and B-Only in

- 1211
- Modified the ZDWLAN crashed when the language changed
- Modified the IP address can't get from the DHCP server in Win98 OS.
- Modified the problem that command line parameter "-exit" to can't let application auto exit.
- Added the PSP issue
- Added the WMM Qos issue
- Added the new region

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11.Release Information

1.11 Application Information

Release Date	2005/08/17
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K/64
Package File	ZD1211BWinPkg_5_2_0_0

1.12 Version Information

Release Content	This Version	Last Version	Changed
Driver	5.2.0.0	5.1.0.0	V
Utility(ZDWlan)	2.13.0.0	2.12.0.0	V
Dot1x	2.9.0.0	2.7.0.0	V
Soft-Bridge	5607	4712	
Evaluation Tool	4.3.0.0		
EEPROM	5727	0627	
ZD1211 Driver	4.7.0.0	4.6.0.0	V

12. Release Notes

Driver:

- Modified the beacon issue
- Modified the Synthesizer issue.
- Change some setting for PHY and RF

ZDWlan & Dot1x:

- Solved WPA compatibility issue. (Sometimes ZDWlan failed to get username from registry)

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13.Release Information

1.13 Application Information

Release Date	2005/08/09
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K/64
Package File	ZD1211BWinPkg_5_1_0_0

1.14 Version Information

Release Content	This Version	Last Version	Changed
Driver	5.1.0.0	5.0.0.0	V
Utility(ZDWlan)	2.12.0.0	2.11.0.0	
Dot1x	2.7.0.0	2.0.0.0	
Soft-Bridge	5607	4712	
Evaluation Tool	4.3.0.0		
EEPROM	5727	0627	
ZD1211 Driver	4.6.0.0		

14. Release Notes

Driver:

- Modified the problem that the throughput of RX slow
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15.Release Information

1.15 Application Information

Release Date	2005/08/08
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K/64
Package File	ZD1211BWinPkg_5_0_0_0

1.16 Version Information

Release Content	This Version	Last Version	Changed
Driver	5.0.0.0	1.8.0.0	V
Utility(ZDWlan)	2.12.0.0	2.11.0.0	
Dot1x	2.7.0.0	2.0.0.0	
Soft-Bridge	5607	4712	
Evaluation Tool	4.3.0.0		
EEPROM	5727	0627	
ZD1211 Driver	4.6.0.0		

16. Release Notes

Driver:

- Modified the blue screen problem on XP 64-bit
- removed the 500 fragmentation issue
- Modified the Synthesizer issue

- Modified the hibernate issue

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Release Note For ZD1211B WLAN Software Package **Version 1.8.0.0**

17.Release Information

1.17 Application Information

Release Date	2005/08/02
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1211BWinPkg_1_8_0_0

1.18 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.8.0.0	1.7.0.0	V
Utility(ZDWlan)	2.12.0.0	2.11.0.0	V
Dot1x	2.7.0.0	2.0.0.0	
Soft-Bridge	5607	4712	
Evaluation Tool	4.3.0.0		V
EEPROM	5727	0627	V

18. Release Notes

Driver:

- Change some setting for PHY and RF
- Added the SST13DT00_RF issue
- Added the RSSI issue
- Added the ZDDriverInfo of OID_ZD_CUSTOM issue
- Added the 500 fragmentation issue

ZDWlan:

- Added the 1211B and A211B issue.

Release Note For ZD1215 WLAN Software Package **Version 1.7.0.0**

19.Release Information

1.19 Application Information

Release Date	2005/07/28
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1215WinPkg_1_7_0_0

1.20 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.7.0.0	1.6.0.0	V
Utility(ZDWlan)	2.11.0.0	2.3.1.0	
Dot1x	2.7.0.0	2.0.0.0	
Soft-Bridge	5607	4712	
Evaluation Tool			
EEPROM	0627		

20. Release Notes

Driver:

- Change some setting for PHY and RF
- Solved the beacon distribution issue
- Solved the hibernate issue
- Solved the problem that the EEPROM can't write
- Solved the problem that the Soft AP set basic rate of 36M in G only
-

Release Note For ZD1215 WLAN Software Package **Version 1.6.0.0**

21.Release Information

1.21 Application Information

Release Date	2005/07/26
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1215WinPkg_1_6_0_0

1.22 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.6.0.0	1.5.0.0	V
Utility(ZDWlan)	2.11.0.0	2.3.1.0	
Dot1x	2.7.0.0	2.0.0.0	
Soft-Bridge	5607	4712	
Evaluation Tool			
EEPROM	0627		

22. Release Notes

Driver:

- Change some setting for PHY and RF
- Modified the OID_802_11_DESIRED_RATES issue
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Release Note For ZD1215 WLAN Software Package

Version 1.5.0.0

23.Release Information

1.23 Application Information

Release Date	2005/07/25
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1215WinPkg_1_5_0_0

1.24 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.5.0.0	1.4.0.0	V
Utility(ZDWlan)	2.11.0.0	2.3.1.0	V
Dot1x	2.7.0.0	2.0.0.0	V
Soft-Bridge	5607	4712	V
Evaluation Tool			
EEPROM	0627		

24. Release Notes

Driver:

- Solved the beacon distribution issue
- Added the AL2210LP RF issue
- Added Region code issue
- Added the 802.11H issue
- Added the PassiveScan issue
- Added the setpoint value of 6M issue in the A band.
- Modified the problem of countermeasures
- Added the TKIP+WEP issue
- Modified the Synthesizer issue
- Solve the antenna diversity issue
- Solved the problem that continuous ping is timeout.
- Added the Surpriserremove issue
- Added the issue that the network type set by inf file
- overwrite CR157 with the value that is read from EEPROM at initial stage.

Utility & Dot1x:

- Support WPA-TTLS, 802.1x-TTLS and WPA2-TTLS
- Added the SoftAP issue for 802.11h
- Modified the ZDConfigRunning flag related issue
- Solved the problem for supporting region code

Release Note For ZD1215 WLAN Software Package

Version 1.4.0.0

25.Release Information

1.25 Application Information

Release Date	2005/07/07
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1215WinPkg_1_4_0_0

1.26 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.4.0.0	1.3.0.0	V
Utility(ZDWlan)	2.3.1.0		
Dot1x	2.0.0.0		
Soft-Bridge	4712		
Evaluation Tool			
EEPROM	0627		

26. Release Notes

Driver:

- Solved the problem that the root cause of CCA high issues
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Utility:

- NA

EEPROM:

- NA.

Release Note For ZD1215 WLAN Software Package

Version 1.3.0.0

27.Release Information

1.27 Application Information

Release Date	2005/07/06
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1215WinPkg_1_3_0_0

1.28 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.3.0.0	1.2.0.0	V
Utility(ZDWlan)	2.3.1.0		

Dot1x	2.0.0.0		
Soft-Bridge	4712		
Evaluation Tool			
EEPROM	0627		

28. Release Notes

Driver:

- Enabled the Hardware Power Control
- Disabled the Software Power Control
- Solved the problem that the throughput is low when the fragmentation is set
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Utility:

- NA

EEPROM:

- NA.

Release Note For ZD1215 WLAN Software Package **Version 1.2.0.0**

29.Release Information

1.29 Application Information

Release Date	2005/07/04
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1215WinPkg_1_2_0_0

1.30 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.2.0.0	1.1.0.0	V
Utility(ZDWlan)	2.3.1.0		
Dot1x	2.0.0.0		
Soft-Bridge	4712		
Evaluation Tool			
EEPROM	0627		

30. Release Notes

Driver:

- Change some setting for PHY and RF
- Solved Beacon frame could not be send problem in the Ad-hoc mode
- Solved CTS frame could not be send problem in the A band
- Solved Continuous Tx frame could not be send problem

Utility:

- NA

EEPROM:

- NA.

Release Note For ZD1215 WLAN Software Package

Version 1.1.0.0

31.Release Information

1.31 Application Information

Release Date	2005/07/04
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1215WinPkg_1_1_0_0

1.32 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.1.0.0	1.0.0.0	V
Utility(ZDWlan)	2.3.1.0		
Dot1x	2.0.0.0		
Soft-Bridge	4712		
Evaluation Tool			
EEPROM	0627		

32. Release Notes

Driver:

- Solved digital loopback problem (for ASIC test)
- Solved CR0/CR255 could not be written problem.

Utility:

- NA

EEPROM:

- NA.

Release Note For ZD1215 WLAN Software Package

Version 1.0.0.0

33.Release Information

1.33 Application Information

Release Date	2005/6/27
Applied Interface	USB
Applied OS	Windows 98/ME/XP/2K
Package File	ZD1215WinPkg_1_0_0_0

1.34 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.0.0.0		V
Utility(ZDWlan)	2.3.1.0		V
Dot1x	2.0.0.0		
Soft-Bridge	4712		
Evaluation Tool			
EEPROM	0627		V

34. Release Notes

Driver:

- Based on the ZD1211DBWinDrv_1_12_0_0 of ZD1211DB into trunk.

Utility:

- Added the 1215 issue

EEPROM:

- Based on the 5503 version of ZD1211DB into trunk.