

Release Note For ZD1211 WLAN Linux Software Package

Version 1.5.0.0

1. Release Information

1.1 Application Information

Release Date	2005/06/23
Applied Interface	USB1.1,USB2.0
Applied OS	Linux (Kernel 2.4.x, Kernel 2.6.x)
Package File	ZD1211LnxDrv_1_5_0_0.tar.gz

1.2 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.5.0.0	1.4.0.0	V

2. Release Notes

New Feature :

- Dynamic region setting. Please refer to user guide 3.4.7
- The signal quality/strength of iwlist ethX scanning result are now shown in percentage.

Bug Fix :

- The set_mac_address function(ifconfig ethX hw ether XXYYZZAABBCC) can only be set once.
- Improperly AppleTalk/NETBIOS packet handling.
- The procedure, ifconfig up → iwlist scanning → ifconfig down → ifconfig up, makes driver corruption.
- When receiving broadcast/multicast frames which the address3 is ourself, the frames should be discarded.
- Promiscuous mode does not take effect.

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Version 1.4.0.0

3. Release Information

1.3 Application Information

Release Date	2005/06/15
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1.4 Version Information

Release Content	This Version	Last Version	Changed
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4. Release Notes

- There is no version 1.4. The goal is to prevent confusing with an unofficial

release 1.4 released earlier than 1.3.

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5. Release Information

1.5 Application Information

Release Date	2005/06/06
Applied Interface	USB1.1,USB2.0
Applied OS	Linux (Kernel 2.4.x, Kernel 2.6.x)
Package File	ZD1211LnxDrv_1_3_0_0.tar.gz
	lnx_wpa_supplicant_1_1_0_0.tar.gz

1.6 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.3.0.0	1.2.7.0	V
Utility(wpa supplicant)	1.1.0.0	n/a	V

6. Release Notes

New Feature :

- WPA supplicant is supported now.(For detail , please refer to user guild)

Bug Fix :

- The set_mac_address function(ifconfig ethX hw ether XXYYZZAABBCC) doesn't apply to driver settings.
 - You should inactivate your interface before setting the MAC address and reactivate it after this operation.

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7. Release Information

1.7 Application Information

Release Date	2005/04/22
Applied Interface	USB1.1,USB2.0
Applied OS	Linux (Kernel 2.4.x, Kernel 2.6.x)
Package File	ZD1211LnxDrv_1_2_7_0.tar.gz

1.8 Version Information

Release Content	This Version	Last Version	Changed
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Driver	1.2.7.0	1.2.0.1	V
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8. Release Notes

Driver:

- Improve Ad-hoc mode 11g throughput.
- Use 802.11b-only mode as default setting in Ad-hoc mode.
- End.

Utility: n/a

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9. Release Information

1.9 Application Information

Release Date	2005/03/30
Applied Interface	USB1.1,USB2.0
Applied OS	Linux (Kernel 2.4.x, Kernel 2.6.x)
Package File	linux_zd1211_drv_1_2_0_1.tar.gz

1.10 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.2.0.1	1.2.0.0	V

10. Release Notes

Driver: Remove some debugging-purpose messages.

Known issue:

- Ad-hoc mode throughput is unstable when work in 11g 54Mbps mode.
- End.

Utility: n/a

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1. Release Information

1.1 Application Information

Release Date	2005/03/28
Applied Interface	USB1.1,USB2.0
Applied OS	Linux (Kernel 2.4.x, Kernel 2.6.x)
Package File	linux_zd1211_drv_1_2_0_0.tar.gz

1.2 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.2.0.0	1.0.0.0	V

2. Release Notes

Driver:

-Bug fixed:

Improve the stability of power saving mode.

Utility: n/a

Release Note For ZD1211 WLAN Linux Software Package Version 1.0.0.0

1. Release Information

1.1 Application Information

Release Date	2005/03/18
Applied Interface	USB1.1,USB2.0
Applied OS	Linux (Kernel 2.4.x, Kernel 2.6.x)
Package File	linux_zd1211_drv_1_0_0_0.tar.gz

1.2 Version Information

Release Content	This Version	Last Version	Changed
Driver	1.0.0.0	4916	V

2. Release Notes

Driver:

-Bug fixed:

1. Ad-Hoc can't join with an existing IBSS network.
2. Re-association timer is too short issue.
3. The command: "iwlist ethx scan" will hang system(Not panic) during power saving mode is enabled.
4. Re-coonect with <any> ssid failed.
5. When the WEP key is changed, the system sometimes will be crashed.
6. When DUT connect AP for one night without sending any traffic, the system will be crashed.
7. When AP change its ssid, the zd1211 can't re-connect with <any> ssid.(tested in closed chamber, Only one AP in chamber)

8. When AP change channel to channel+1, the zd1211 can't update working channel.
9. The zd1211 unable to creat an IBSS when NO other BSSs can be found in the environment.(eg. In the chamber)
10. Send buffer leakage problem in Ad-hoc mode.

Utility: n/a