

Product: RTL8188EUS/8189ES Software Package - Linux Driver
Version: v4.1.2.2_5805.20121116

Release History:

v4.1.0_4023.20120511	1. First Released
v4.1.1_4235.20120606	1. Fix some problems for LPS Mode. 2. Fix some bugs of SoftAP Mode. 3. Add LED function for 8188EUS.
v4.1.2_4787.20120803	1. Fix channel plan error. 2. Fix some bugs for RTL8189ES SoftAP. 3. Support non-ascii ssid by default. 4. Add PMK Cache for cfg80211. 5. Set wps ie for probe req for WPS 2.0 6. Support hostapd's ignore_broadcast_ssid setting (need patch of hostapd). 7. Add MP Tools.
v4.1.2.1_5574.20121024	1. Fix WPA IE parsing error. 2. Fix compile error for some kernel version. 3. Fix some bugs of eFuse related process. 4. Fix some bugs in Dynamic algorithm module.
v4.1.2.2_5805.20121116	1. Fix some bugs for WPS2.0 and 80211n certification test. 2. Add relative code for X-tal calibration. 3. MP tool: Add PSD function.

Description:

- n Realtek provides the solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL8188EUS / RTL8189ES WLAN series hardware on Linux based platforms.

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Software Package Feature:

- n IEEE 802.11 b/g/n WiFi compliant
- n 802.1x, WEP, WPA TKIP and WPA2 AES/Mixed mode for PSK and TLS (Radius)
- n WPS - PIN and PBC Methods
- n IEEE 802.11b/g/n Client mode
 - Support wireless security for WEP, WPA TKIP and WPA2 AES PSK
 - Support site survey scan and manual connect
 - Support WPA/WPA2 TLS client
 - Support power saving mode
- n Soft AP mode
- n WiFi-Direct

Hardware Supported:

- n RTL8188EUS
- n RTL8189ES

Platform Supported:

- n Linux
 - Ø USB: kernel 2.6.18 ~ 2.6.38 and 3.0.2
 - Ø SDIO: kernel 2.6.24 ~ 2.6.38 and 3.0.2
- n Android 1.6 ~ 2.3, 4.0

CPU supported:

- n x86
- n ARM
- n MIPS