Product: RTL8188EUS/8189ES Software Package - Linux Driver
Version: v4.1.8_9499.20131104

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.
v4.1.3_6099.20121214	1. STA+P2P concurrent for Android 4.1 2. WOW feature 3. Miracast API for Android 4. Fix ODM bug 5. Incorporate MP function into normal driver
v4.1.4_6773.20130222	1. Pass Wi-Fi pre-test (11n, WPS2, P2P) 2. Support Android 4.2 3. Support P2P service discovery with nl80211 4. Improve P2P connection experience 5. Support 8188ETV 6. Fix 8188EU AP mode problem on USB 1.1 7. Fix 88E IQK bugs 8. Correct RX statistics error 9. Add IOL mechanism for 88E series 10. Improve expiration mechanism
v4.1.5_7309.20130425	1. Correct tx power setting. 2. Support Android4.2's PKTCNT_POLL command. 3. Support kernel 3.8. 4. Fix racing problem of SoftAP mode. 5. Fix racing problem of roaming and disconnect ioctl. 6. Fix racing problem of early_suspend and ioctl. 7. Improve connection process, avoid receiving multicast frames before group key is installed.
v4.1.6_7546.20130521	1. Fix NULL pointer crash issues in concurrent mode 2. Fix USB bulk-in error handling 3. Fix bug of registering early suspend twice

	4. Fix 88E IQK bug 5. Fix deadlock caused by USB resume error handling 6. Fix concurrent LPS bug 7. Fix WEP connection crash in 64bit OS 8. P2P: Trigger no common channel status when channel list is limited by buddy adapter 9. Modify RX signal statistics for concurrent mode
v4.1.7_9024.20130916	1. Support Linux Kernel to 3.9. 2. Support ETSI Adaptivity test (closed by default). 3. Fix racing problem of insmod/rmmod and ioctl. 4. Fix AP selection problem. 5. Handle suspend/resume for concurrent mode. 6. Fix management TX frame/buffer leak problem. 7. P2P: Inprove connection experience. 8. Fix problem of ad hoc for wext.
v4.1.8_9499.20131104	1. Support Android JB 4.3 2. Refine STA mode connection process on JB 4.3 3. Disable CONFIG_USE_VMALLOC by default 4. Fix polling FW ready bit failed in resume process 5. Fix issue of sending prob_req to DFS channel 6. Fix GC scan result selected registra missing on JB 4.1 7. Fix GO sends beacon with 1Mbps rate 8. Fix problems caused by large amount of logs

tek logo and Released Notes header

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.

Software Version:
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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
n Miracast

Hardware Supported:
n RTL8188EUS
n RTL8188ETV
n RTL8189ES

Platform Supported:
n Linux
  Ø USB: kernel 2.6.18 ~ 3.9
  Ø SDIO: kernel 2.6.24 ~ 3.9
n Android 1.6 ~ 2.3, 4.0 ~ 4.3

CPU supported:
n x86
n ARM
n MIPS