



Software Release Note for STA

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Product Name	RT71W Wireless Card
Interface Supported	USB
Install Package Version	RTUSB D70-1.1.3.0 D71W-1.1.7.0 UI-1.3.0.0_2006_11_10.dmg
RT70 Driver Version	1.1.3.0
RT71W Driver Version	1.1.7.0
User Interface Version	1.3.0.0
Date	2006-11-10

System Requirement:

Mac OS X 10.3.X or 10.4.X

Hardware Supported:

Ralink RT71W chipset USB NIC

Ralink RT70 chipset USB NIC

Software Supported:

For Mac OS X 10.3.X:

USBWireless-10.3\USBWireless-Panther.pkg

For Mac OS X 10.4.X:

USBWireless-10.4\USBWireless-Tiger.pkg

Release History:

[RTUSB D70-1.1.3.0 D71W-1.1.7.0 UI-1.3.0.0 2006_11_10.dmg](#)

Driver:

1. Update country region
2. FW update to v1.9 for LED mode

UI:

1. Limit PSK Key length: 8 (chars) to 64 (hex)
2. Build channel list according to EEPROM country region
3. Keep the available networks which were scanned in the last fifteen seconds.
4. correct EEPROM version

[RTUSB D70-1.1.3.0 D71W-1.1.6.0 UI-1.2.8.0 2006_10_25.dmg](#)

Driver:

1. Fix PS-Mode disconnect issue

[RTUSB D70-1.1.3.0 D71W-1.1.5.0 UI-1.2.8.0 2006_08_24.dmg](#)

Driver:

1. RT70 Driver 1.1.3.0 included

[STA_RT71WUSB D-1.1.5.0 UI-1.2.8.0 2006_08-02.zip](#)

Driver:

1. Fix AdHoc mode link up issue if BSS beacon has the bigger BSSID.
2. Fix AdHoc mode link up issue if SSID is the same with BSS-mode SSID.
3. MAC OS X 10.4.x - VID/PID update

[STA_RT71WUSB D-1.1.4.0 UI-1.2.8.0 2006_07-26.zip](#)

Driver:

1. VID/PID update

[STA_RT71WUSB D-1.1.4.0 UI-1.2.8.0 2006_07-07.zip](#)

Driver:

1. Correct judgment on duplicate RX packet
2. VID/PID update

[STA_RT71WUSB D-1.1.3.0 UI-1.2.8.0 2006_06-02.zip](#)

Driver:

1. Fix ad-hoc mode timestamp issue
2. Firmware 1.8: update LED polarity definition for misunderstanding
3. Improve reconnection

[STA_RT71WUSB D-1.1.2.0d UI-1.2.8.0 2006_04-27.zip](#)

Driver:

1. VID/PID update

[STA_RT71WUSB D-1.1.2.0 UI-1.2.8.0 2006_04-07.zip](#)

Driver:

1. support WPA2-PSK
2. Universal version for Mac OS X 10.4
3. Correct connection status indication for Ad-Hoc

UI:

1. support WPA2-PSK
2. Universal version for Mac OS X 10.4
3. Correct Channel display at Ad-Hoc in profile page
4. Fix encryption type showing number in profile page occasionally
5. Disconnect when the activated profile is being deleted and connect to an open non-secure AP
6. Correct the link status icon when deleting profiles
7. Keystroke verification
 - SSID length: maximum is 32 characters
 - Fragment threshold: maximum is 2346
 - RTS threshold: maximum is 2347
 - WEP key: 13 characters for ASCII, 26 for Hex and restrict to 0~f

[STA_RT71WUSB D-1.1.0.6 UI-1.2.5.0 2006_03_13.zip](#)

Driver:

1. VID/PID update

[STA_RT71WUSB D-1.1.0.0 UI-1.2.5.0 2006_01_25.zip](#)

Driver:

2. Correct LED mode
3. Enhance throughput to 17.3Mbps for TX and 21.4Mbps for RX

STA_RT71WUSB D-1.0.6.0 UI-1.2.5.0 2005_12_14.zip

Driver:

1. Fix roaming from B to G issue in 10.3 ,
2. Fix roaming to a hidden AP failure in 10.4
3. Fix not able to scan all APs in site Survey page In 10.3
4. Report sleep / wake status to UI
5. Refine auto-reconnection after wake up from sleep mode.
6. Fix reconnection issue
7. update firmware to v1.2
8. Fix renew AP List in site survey page issue.
9. Update reading about information sequence

UI:

1. Fix roaming to hidden SSID AP
2. AP set WPA-PSK /AES+TKIP but RT73 only connect by TKIP.
3. WPA-PSK AES group key compatible issue
4. Correct encryption type display in [Add to Profile] page.
5. Disable column selection in site-survey / profile page
6. Auto rescan after wake up from sleep
7. Disable function buttons while rescanning
8. Force to refresh AP List after rescan
9. Fix CONNECT/ADD PROFILE function in site survey page issue.
10. Update RESCAN function to do rescan immediately
11. Remove ineffective options – 11B preamble, CAM when AC power
12. Correct RTS / Fragment threshold setting
13. Fix WEP key error protection in ASCII key type
14. Fix channel select in Ad-hoc mode