



VT6655 Software

REVISION HISTORY

Revision 1.1
October 29, 2008

VIA TECHNOLOGIES, INC.

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Revision History

Release	Date	Revision	Initials
1.0	2008-08-20	Initial release.	RTW
1.1	2008-10-29	To update NDIS5 driver revision history	AK

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1. Driver Type and Root Information

1.1. Driver Status

Name	Ver.	Supporting OSes
NDIS5 for x86	2.17	Windows 2000 Windows 2003 Windows Server 2003 Windows XP/XP 64Bit Windows XP Embedded
Linux	1.18	Fedora serial: Fedora core 2 Fedora core 3 Fedora core 4 Fedora core 5 Fedora core 6 Fedora core 7 Ubuntu serial: Ubuntu 6.06 Ubuntu 7.04 Ubuntu 7.10 Ubuntu 8.04 Debian serial: Debian 3.0 Debian 4.0 SUSE serial: 1.suse 10.1 2.suse 10.3

PS: WHQL submission number of the Windows NDISWDM driver (v2.19) for x86/x64 is 1308806 in this software package.

2. Driver Revision History

2.1 Linux Driver Revision History

Version	Date	Revision
V1.18	2008-04-08	<ol style="list-style-type: none">1. To fix iwconfig config essid can't link2. To fix the bssid bug when in station mode3. To modify led issue4. Support networkmanager5. Support fast-roaming6. The bit rate that iwconfig show follow the actual bit rate adjust7. To modify for RSSI display issue
V1.17.	2006-11-06	<ol style="list-style-type: none">1. Shared WEP align bug2. To correct the setting WEP key strings,the key index not match with the expected.3. To fix the station can't connect AP when VT6655 running as AP with WPA encryption mode, set WEP share key encryption directly4. To fix iwconfig channel/freq command to set the frequency cann't go into effect at once.5. To fix "iwconfig" to get the wireless interface information,when in AP mode,it always return the Max rate.6. To fix the wireless interface information7. To set the WEP key.

2.2 NDIS5 Driver Revision History

Version	Date	Revision
V2.19	2008-10-08	<ol style="list-style-type: none"> 1.To fix roaming issue in RSSI mode. 2.To fix the roaming authentication issue. 3.To modify the default roaming signal strength. 4.To fix the problem in IBSS mode. 5.To fix the roaming issue.
v2.18	2008-08-29	<ol style="list-style-type: none"> 1.To fix the RSSI issue. 2.To add Zone type feature. 3.To add the smart roaming support. 4.To fix the roaming issue in Rx mode.
V2.17.03	2008-07-21	<ol style="list-style-type: none"> 1.To modify the antenna diversity function. 2.ping response time too long 3.Patch code for auto ACK with error power settings 4.To modify the Auto rate function
V2.16	2008-06-23	<ol style="list-style-type: none"> 1.roaming 2.Condition for diversity
V2.15	2008-05-15	<ol style="list-style-type: none"> 1. WPA/WPA2 TKIP disconnect issue.Switch back the original channel and send queued data while scanning.
V2.14	2008-05-15	<ol style="list-style-type: none"> 1.IBSS disconnect issue 2.signal strength abnormal
V2.12	2008-03-24	<ol style="list-style-type: none"> 1. Fix interference calibration of power level.
V2.10	2006-10-12	<ol style="list-style-type: none"> 1. Fix association with Cisco AP mixed mode issue 2. Fix TKIP MIC Fails in Cisco AP.
V2.09	2006-08-02	<ol style="list-style-type: none"> 1. Add WINCE5 to support IO_MAP_IO for CLE266+8235 HIVE mode
V2.08	2006-06-22	<ol style="list-style-type: none"> 1. Fix the Cisco migration mode issue.
V2.07	2006-03-27	<ol style="list-style-type: none"> 1. Fix Data Alignment issue for ARM-based WINCE, e.g. (UCHAR *) should be replaced with (UNALIGNED UCHAR *) 2. Fix 4 bytes boundary issue in PNDIS_WLAN_BSSID_EX. 3. Add Fake SSID from WZC handling 4. Add Japan W52, W53 only scanning(36, 40, 44, 48, 52, 56, 60, 64) 5. Disable Channel 14 on TELEC, and JAPAN country code. 6. Add Uninstaller support in AMD64 driver inf file. 7. Modify parameters for better EVM 8. Modify WINCE4.2 CEC file. 9. Add XPe driver support 10. Fix RF will still be off (after the dis-associate) when WZC send OID_802_11_BSSID_LIST_SCAN 11. Modify parameters of high current mode for 11b.
V2.06	2005-08-24	<ol style="list-style-type: none"> 1. Modify the reconnect after power saving wake up that try to reconnect continually. 2. Sync the WMM definitions.
V2.05	2005-07-29	<ol style="list-style-type: none"> 1. Modify the roaming function to support continual roaming or roaming once, and scanning channels or not. 2. Fix the RX Bcn time stamp offset. 3. Always imply channel setting function and don't check the previous channel value. 4. Check the local ID and specific functions. 5. Sync the 802.11h functions with ADT test version driver. 6. Clear BCN buffer ready function when disconnection or deauthentication. 7. Fix 802.11counter updating bugs and sync the same type counters at the same functions. 8. Fix Ubec 2462 RF init functions. 9. Update different MAXIM2959 RF functions.

		<ul style="list-style-type: none"> 10. Update TX counters when tx complete but not send actually. 11. Support LED function. 12. Unlock spinlock before calling WCMDbFlushCommandQueue. 13. Send associate request when join Adhoc network to improve connect speed.
V2.04	2005-07-06	<ul style="list-style-type: none"> 1. Only Modify RSR in SCAN function. 2. Clear roam state in disconnected indication. 3. Only clear SSID retry counter in SSID start cmd and roaming start function. 4. Reset encryption mode in MiniportInitialize function. 5. Set default preamble to short. 6. Don't turn on RXON when HW/SW radioCtl is RF_OFF. 7. Set init channel in inital function. 8. Set Deauthentication cmd when deauth flag is TRUE in TX function. 9. Set basic rate to 1,2,5.5,11Mbps when AdHoc Network is created. 10. Set BSSID of AdHoc Network to local administrator address.
V2.03	2005-05-26	<ul style="list-style-type: none"> 1. Support 802.11 A/B/G devices. 2. Modify RF settings. 3. Fix the OID_802_11_NETWORK_IN_USE query cmd. 4. Fix the OID_CUSTOM_RADIO_STATE set cmd. 5. Add the OID_CUSTOM_DOMAIN_IN_USE set cmd. 6. Fix the HotKey radio ON/OFF functions. 7. Add country code registry access function. 8. Fix AMD64 inf bug reported by HCT.