

## Release Note for Vigor2110 Series

**Firmware Version: 3.6.3**

**Built Date: October 16, 2012**

**Applied Models:**

**Vigor2110, Vigor2110n, Vigor2110Vn, Vigor2110F, Vigor2110Fn,  
Vigor2110FV, Vigor2110FVn**

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Please ensure you download and use the latest router tools when upgrading the firmware.

### New Features

- Support IPv6.
- Support Smart Bandwidth Limit.
- Support QoS retag.
- Support fragFINN for youth protection (dedicated for German).
- Add VoIP Wizard.

### Improvement

- Corrected: DNS function does a force update even no WAN IP changed.
- Corrected: Incorrect log of PPP start (XXX) shall be removed, for no one knows who the incoming client is before authenticated by CHAP/PAP.
- Corrected: Can not show the FTP file list when Android phone connecting to Vigor2110 FTP server.
- Corrected: Port redirection of WAN 1 IP doesn't work when port redirection setting is not listed in WAN 1 IP alias.
- Corrected: True IP DMZ may not work.
- Corrected: Incorrect wireless country string which will be checked by Linux and MAC.
- Corrected: May meet reboot problem while running wireless AP Discovery.
- Corrected: A user can send a FAX not only using T.38 protocol but also G.711.
- Corrected: IP Phones behind Vigor2110 cannot get registration after WAN failover (the router sent UDP packets with source port 0).
- Corrected: DHCP Relay via VPN tunnel can not work.
- Corrected: Crash problem might occur while GRE IPsec tunnel is used.
- Corrected: Cannot apply AES 192 and AES 256 on IPSec Security Method while the customer chooses options of AES without authentication in **VPN and Remote**

**Access>>LAN to LAN page.**

- Corrected: UCF Syslog cannot show HTTP or HTTPS.
- Corrected: A CPE may loss connection when it connects to VigorACS server with STUN server.
- Corrected: While running WCF service, the router might reboot with no reason.
- Corrected: Online Status shows error secondary DNS value.
- Improved: Add a Clear button in the web page for SIP account.
- Improved: Lease time on DHCP server is configurable.
- Improved: By looking at the syslog, we can see who has acquired the IP dispatched from our router.
- Improved: The router can send the TR-069 packet out via LAN interface.
- Improved: Support GRE over IPsec with CISCO. (4 bytes GRE header)
- Improved: Modify the default pool size of LAN DHCP server from 50 to 150.
- Improved: Add new DDNS provider (UBDdns, Oray, and Peanut Shell).
- Improved: Improve Samba with Mac OS X.
- Improved: The range for Bandwidth Limit can be set from 0 to 30000.
- Improved: Port Redirection can show WAN IP for each rule in the main page.
- Improved: Block Skype version 5.10.56.116.
- Improved: Rename "Undefined Protocol" with "Unassigned Numbers" for the DoS function.
- Improved: Support more modems such as MF190J, AnyDATA ADU-500A.
- Improved: Improve the connection performance for Huawei E398/K5005 and Sierra 320U dongle.
- Improved: Disable QoS by default for non-VoIP models.
- Improved: Enhance VoIP QoS.
- Improved: Improve ALG for SoftPhone Polycom and lift-size.
- Improved: Improve the web page for VPN Profile.
- Improved: Modify UCF(URL Content Filter)/WCF(Web Content Filter) block web page.
- Improved: SNMP's sysDescr can show model name and firmware version.
- Improved: Support firewall parameters, WAN Connection Detection, SysLog / Mail Alert Setup parameters settings for TR-069.
- Improved: Add WAN Status Signal parameter of 3G WAN connection for TR-069.
- Improved: Rename TR-069 parameter of "InternetGatewayDevice.X\_00507F\_Firewall.DoSDefense.BlockUnknownProto" with "InternetGatewayDevice.X\_00507F\_Firewall.DoSDefense.BlockUnassignedNum".
- Improved: Modify the Telnet command of "*ip arp accept <0/1/2/3/status>*" to allow the ARP REPLY which the target's MAC address does not equal to Ethernet source MAC address.
- Improved: Add a new telnet command to configure IGMP Query packet interval time.  
*ip igmp\_proxy query [msec]*

- Improved: Add a new telnet command to configure flash hook minimum and maximum time for VoIP.
- Improved: Add a telnet command for VPN packets going through by NAT or not when VPN disconnects.  
`vpn pass2nat <on/off>`
- Improved: Change Moscow GMT Time zone from GMT+3 to GMT+4.

## Known Issue

- None

## Notes

### ***Modifications***

- None