Release Note for Vigor2860 Series

Firmware Version: 3.8.4
Release Date: October 5, 2016
Applied Models:
**Vigor2860/Vigor2860n/Vigor2860n-plus/Vigor2860Vn-plus/
Vigor2860ac/Vigor2860Vac/Vigor2860L/Vigor2860Ln**

Vigor2860 series is a **VDSL2** router with **multi-subnet** for secure and efficient workgroup management. It integrates IP layer QoS, NAT session/bandwidth management to help users control works well with large bandwidth.

File and Modem Code

> **Note:** For DSL models, there will be four folders: STD, VECTOR1, VECTOR2 and VECTOR3. The files in VECTOR named folder implement a new DSL driver, which supports G.Vectoring on VDSL. If you're using a VDSL line, VECTOR named firmware may bring out better performance; however, please consult your ISP to check if G.Vectoring is required. We also provide two versions of modem codes to avoid the interoperability issue. You could just try the other one if the one you use cannot synchronize or get the speed that you expected.

Available modem codes for Annex A/Annex B are displayed as follows:

For Annex A Model,

➢ "Vigor2860_v3.8.4-00_en.zip" is used for modem code 548006_544401 & 560816_552011

➢ "Vigor2860_v3.8.4-01v_en.zip" is used for modem code 567517_562301 & 566207_562101 (recommended by SEG)

➢ "Vigor2860_v3.8.4-02v_en.zip" is used for modem code 574307_571801 & 573807_571701

➢ "Vigor2860_v3.8.4-03v_en.zip" is used for modem code 576d17_572801 & 574307_571801

For Annex B Model,

➢ " Vigor2860_v3.8.4-00_en.zip " is used for modem code 548006_544512 & 551716_553312

➢ "Vigor2860_v3.8.4-01v_en.zip" is used for modem code 565607_567002 & 565606_567002

> "Vigor2860_v3.8.4-02v_en.zip" is used for modem code 573307_571c02 & 565607_567002

> "Vigor2860_v3.8.4-03v_en.zip" is used for modem code 573307_571c02 & 565607_567002

New Features

- Support IPv4 & IPv6 HA (Applications >> High Availability).
- Support WAN session-based load balance mode (WAN>>General Setup).
- Support IPv6 RIPng (WAN >> Internet Access >> IPv6).
- Support central switch management (Central Management >> Switch).
- Support wireless 2.4G & 5G airtime fairness (Wireless LAN (2.4GHz) >> Airtime Fairness, Wireless LAN (5GHz) >> Airtime Fairness).
- Support wireless band steering (Wireless LAN (2.4GHz) >> Band Steering).
- Support DNSSEC (Application >> DNS Security).
- Support firewall configuration backup and restore. (Firewall >>General Setup).
- Support WAN2 wireless 5G station mode (WAN >> General Setup >> WAN2).
- Support unique 'Self-Signed' certificate & private key for HTTPS (System Maintenance >>Self-Signed Certificate).
- Support VPN graph & web log (Diagnostics >> VPN Graph).
- Support WAN failover by Traffic Threshold. (WAN >>General Setup).
- Support separated schedule for each SSID.
- Support brute force protection for router login (System Maintenance >>Management).
- Support RSA for SSH server.
- Support detailed information for modem support list (USB Application >> Modem Support List).
- Support ZenMate VPN service (VPN and Remote Access >>ZenMate).
- Add domain name of destination for Route Policy rules (Load-Balance/Route Policy >> index #).
- Add ping detect graph (Diagnostics >> Traffic Graph)
- Support Firewall Wizard Mode (Firewall >> Filter Setup >> Edit Filter Set).

Improvement

- Improved: Support wireless country code configuration (Wireless LAN >> Advanced Setting).
- Improved: AP Map Enhancement.
- Improved: Support VPN SHA2 algorithm.
- Improved: Add Option to Disable TLS 1.0 (System Maintenance >> Management)
- Improved: APM WLAN profile could also be applied to router's WLAN setting.

- Improved: Add VoIP Log/Graph for VoIP QoS (Bandwidth Management >> Quality of Service).
- Improved: Support LTE SMS alert service (Applications >> SMS / Mail Alert Service).
- Improved: VoIP automatically failovers to another WAN interface.
- Improved: Support Central AP management over LAN-to-LAN VPN.
- Improved: Specify one of WAN IP alias as the IP address of the SIP registry.
- Improved: Specify one of WAN IP alias as VPN dial out IP address.
- Improved: Send alert for HA.
- Improved: Redesign the web user interface of **Applications >> Schedule**.
- Improved: IP Object design allows users configuring mass objects easily.
- Improved: Special characters { } can be added in advanced DHCP option.
- Improved: Support 80 MHz channel bandwidth for Ukraine 11ac.
- Corrected: Added X-Frame-Options to HTTP headers.
- Corrected: Changed TCP Initial sequence number mechanism
- Corrected: Validation Code was not displayed in router login WUI on Apple devices.
- Corrected: QoS for VPN TCP/UDP traffic was only displayed for 2 seconds about VPN TCP/UDP Traffic in QoS Status page.
- Corrected: WAN1 open port profile was affected when making change to WAN2 IP alias list.
- Corrected: Router kept old and invalid routes in routing table.
- Corrected: DNS query was blocked when blocking UDP port 53 by Firewall Filter Rule.
- Corrected: Router reboot while generating Root CA.
- Corrected: TCP 2869 and UDP 1900 were opened on WAN, if UPnP was enabled.
- Corrected: LDAP Additional Filter did not work with Base DN.
- Corrected: IP TV could not work in WAN1.
- Corrected: DHCP options 132 and 133 configuration problem.
- Corrected: PPPoE Passthrough could not work for VDSL.

Known Issue

- Vigor router will fail to send multiple papers/files from Phone1 to Phone 2 with FAX mechanism.