ZyXEL

AMG1202-T10B

Firmware Release Note

V2.00(AAFN.9)C0

Date: Jan. 26, 2015

Author: *Seven Tsai*

Reviewer: *Seven Tsai*

TABLE OF CONTENTS

Revision History

Date	Release	Author	Description
2013/02/06	1.0	Christopher Chen	V2.00(AAFN.0)b2
2013/03/18	1.0	Daniel Yao	V2.00(AAFN.0)b3
2013/03/19	1.0	Daniel Yao	V2.00(AAFN.0)b4
2013/03/29	1.0	Daniel Yao	V2.00(AAFN.0)b5
2013/04/17	1.1	Christopher Chen	V2.00(AAFN.0)C0
2013/04/30	1.1	Christopher Chen	V2.00(AAFN.1)b1
2013/05/22	1.2	Harrison Chen	V2.00(AAFN.1)C0
2013/06/10	1.3	Harrison Chen	V2.00(AAFN.2)b1_C0
2013/07/12	1.4	Harrison Chen	V2.00(AAFN.2)b2_C0
2013/08/05	1.5	Harrison Chen	V2.00(AAFN.2)b3
2013/08/21	1.6	Harrison Chen	V2.00(AAFN.3)b1_J0
2013/10/04	1.7	Harrison Chen	V2.00(AAFN.3)b2_G0
2013/10/24	1.8	Harrison Chen	V2.00(AAFN.3)b3_G0
2013/10/31	1.9	Harrison Chen	V2.00(AAFN.3)b4_G0
2013/11/01	2.0	Harrison Chen	V2.00(AAFN.3)G0
2013/11/22	2.1	Harrison Chen	V2.00(AAFN.3)G1
2013/12/25	2.2	Harrison Chen	V2.00(AAFN.4)b1
2014/01/20	2.3	Harrison Chen	V2.00(AAFN.4)b2
2014/02/14	2.4	Harrison Chen	V2.00(AAFN.4)b3
2014/02/24	2.5	Harrison Chen	V2.00(AAFN.4)b4
2014/02/26	2.6	Harrison Chen	V2.00(AAFN.4)C0
2014/03/11	2.7	Harrison Chen	V2.00(AAFN.5)b1
2014/03/12	2.8	Harrison Chen	V2.00(AAFN.5)C0
2014/03/17	2.9	seven	V2.00(AAFN.6)b1
2014/03/18	3.0	seven	V2.00(AAFN.6)C0
2014/04/02	3.1	seven	V2.00(AAFN.7)b1
2014/05/09	3.2	seven	V2.00(AAFN.7)b2

2014/05/26	3.3	seven	V2.00(AAFN.7)b3
2014/07/14	3.4	seven	V2.00(AAFN.7)b4
2014/07/28	3.5	seven	V2.00(AAFN.7)C0
2014/09/30	3.6	seven	V2.00(AAFN.8)b1
2014/11/14	3.7	seven	V2.00(AAFN.8)b2
2014/11/21	3.8	seven	V2.00(AAFN.8)C0
2015/01/15	3.9	seven	V2.00(AAFN.9)b1
2015/01/26	4.0	seven	V2.00(AAFN.9)C0

ZyXEL AMG1202-T10B
V2.00(AAFN.9)C0

Release Note

Date: Jan. 26, 2015

Supported Platforms:

ZyXEL AMG1202-T10B (Mediatek 63365)

Versions:

Bootbase version: V2.05 | 08/26/2014
Firmware version: V2.00(AAFN.9)
Kernel version: 2.6.22.15
DSL code version: FwVer:3.20.36.0_A_TC3087 HwVer:T14.F7_11.2
WLAN code version: 2.5.0.11

Notes:

1. Kernel version shell command : uname –a
2. DSL code version shell command : wan adsl fwversion
3. WLAN Driver version shell command : iwpriv ra0 show driverinfo
4. User need to accept cookies in their web browsers to use the device GUI correctly.

Features list:

✓ ADSL/2/2+ WAN Mode
✓ Built-in Firewall to keep users from common Internet attacks
✓ Wireless LAN 802.11b/g/n standards supported
✓ QoS embedded to help prioritize important services
✓ TR Protocol Family supported for industry-level device management

Modifications in V2.00(AAFN.9)C0

- Change firmware ID from V2.00(AAFN.9)b1 to V2.00(AAFN.9)

Modifications in V2.00(AAFN.9)b1

- [BugFix]
    1. Misfortune Cookie vulnerability for TR-069 connection request

Modifications in V2.00(AAFN.8)C0

- Change firmware ID from V2.00(AAFN.8)b2 to V2.00(AAFN.8)

Modifications in V2.00(AAFN.8)b2

- Based on V2.00(AAJC.6)C0
- [BugFix]
    1. [SVD#196][S1]The button of Trust Domain webpage has error typo
    2. [SVD#199][WS]It shouldn't add LAN IP to Trust Domain list successfully.
    3. [SVD#200][S1]Trust domain title show incorrect word.
    4. [SVD#201][S2] LAN IP of Trust Domain doesn't work.
    5. [SVD#204][L1] Invaild time format of daylight savings
    6. [SVD#205][L1] No matter keyin Invaild/vaild time type, the typeface will become gray color.
    7. [SVD#209][L2] The pop out message display error when node name doesn't setting.
    8. [SVD#210][L2] Remote MGMT can't use the same port between LAN and WAN side and NAT Application Servers
    9. [SVD#211][L2] Remote MGMT Multi_WAN Interface can't work.
    10. [SVD#212][L2] Remote MGMT Trust Domain can't work well when Remote MGMT WAN Interface configure as Multi_WAN.
    11. [SVD#217][L2] Internet schedule time format isn't match with note.
        - Only wording
    12. [SVD#219][L2] Wireless scheduling of time format has some error.
        - Only wording
    13. [SVD#222][L2] Firewall rule should pop out error message when setting invaild format.
    14. [SVD#223][L2] Refresh Interval should pop out error message when setting invaild format.

15. [SVD#225][L2] Diagnostic ping/DSL line field behavior is not match with note describe.
16. [L2] Port forwarding can't setup when External end port equal with open start port
17. [L2] Shouldn't allow keyin invaild value at firewall order.
18. [CSO#140900306][KCOM] IPSec VPN Pass-through issue

Modifications in V2.00(AAFN.8)b1

- [Feature]
  1. Add Trust domain on Remote MGMT
  2. Support Bonjour service to support Apple wireless printing
  3. PPP disconnect/connect / IPoE release/renew buttons
     - Add button (System Info page) to manually control broadband
  4. TR-069 update ROM-D
     - FileType = 3
     - filename = rom-d
  5. TR-069 erase ROM-D
     - SetParameterValues InternetGatewayDevice.DeviceConfig.EraseROMD=Yes
  6. TR-069 readable passwords
     - Enable: tcapi set ZyXEL_ Entry TR069PasswordsReadable Yes
  7. Auto channel scan
     - change UK Auto scan by 1-11, but can manually select the channel 12 & 13
  8. Supervisor password
     - If password is blank. System will auto-generate password.(verify with AutoGenSupervisorPassword tool)
  9. Wifi driver update to 2.5.0.11
- [BugFix]
  1. [SVD#224]Multi-WAN in Remote Mgmt should not have 3G option in AMG1302 model
  2. [SVD#231]All Remote Mgmt customized ports do not work
  3. [SVD#232]WAN client cannot access DUT remote service after changing default port
  4. [SVD#240]Verify LAN clients learn new DNS server during LAN side renew
  5. [SVD#241]Verify router sends new Inform when primary WAN IP address changes
  6. [SVD#244]Adding a new Trust domain in Remote mgmt always shows the last record
  7. [SVD#248] LAN PC cannot ping or access DUT GUI during stress test

8. [SVD#249] PPPoE disconnect and cannot recover during stress test
9. [SVD#266] UPnP friendly name is changed when disable & enable the UPnP
10. [CSO#140500821]TR-069 PeriodicInformTime not reporting
11. Bootbase update to V2.05
    - [CSO] expressboot tool update ROM-D and ROM-0 at the same time will update fail
    - Disable reset romd through press reset button
12. [CSO# 140302266] HT Mostar - AMG1202-T10B - TR-069 LAN port statistics missing
    - InternetGatewayDevice.LANDevice.1.LANEthernetInterfaceConfig.n
13. [SVD#217] The description of Parental Control webpage has wording typo.
14. [SVD#218] Pre-Shared Key of More AP webpage have unnecessary symbol ":".
15. [CSO#140302125] Random Periodic Inform Issue(UPNP solution)
16. [CSO#140800106] FTP rom-d upload issue
17. [SVD#213] Sometimes DUT occur call trace when do firmware upgrade by WebGUI.
18. [140302125] TR-069 INFORMs stop
19. [140400202] AMG1302-T10B / Config Reset
20. [140302125] Random Periodic Inform Issue
21. [140401371] Adding a port forward rule followed by a Reboot results the unit to factory defaults (RESET).
22. [140400243] PPP disconnection / dropping connections
23. Interface of QoS rules display DSL WAN interface under Ether WAN mode.
24. Firewall rule shouldn't add a new rule successful when it don't input anything on Name field.
25. After set static IPv6 address, can't return to set static IPv6.
26. DHCP Relay Server Address have error typo
27. DUT will hang on when WebGUI to upgrade FW from WAN PC.
28. DMZ set 0.0.0.0 to disable fail
29. [207] PPPoE connection unstable when PPPoE is configure at first bootup
30. [CSO#140400243] PPP disconnections
    - PPP will disconnect randomly because read wrong status in internet connect status file

Modifications in V2.00(AAFN.7)C0

- Change firmware ID from V2.00(AAFN.7)b4 to V2.00(AAFN.7)

Modifications in V2.00(AAFN.7)b4

- [BugFix]
  1. The memory usage of cfg_manager will increase with time because memory leakage.

Modifications in V2.00(AAFN.7)b3

- [BugFix]
  1. [195] LAN host cannot get IP under DUT bridge VLAN passthrough
  2. [196] NAT page will show blank page after enable/disable.
  3. [200] DynDNS enter blank wording in User name or Password column will crash

Modifications in V2.00(AAFN.7)b2

- [BugFix]
  1. [178] Typo of QoS Service
  2. [179] Perform UDP port scan test on router's public WAN IP address fail

     - ```
       520      UDP Routing Information Protocol (RIP)  Official
       67       UDP Bootstrap Protocol (BOOTP) Server;
       68       UDP Bootstrap Protocol (BOOTP) Client;
       500 TCP UDP Internet Security Association and Key Management
       ```
       Protocol (ISAKMP)   Official

     - ```
       keep port 67/68/520, only close port 500
       ```
  3. [181] GUI no response under specific condition
  4. [182] By default, "Connection Request Path" is blank in TR-069 page

Modifications in V2.00(AAFN.7)b1

- [Feature]
  1. [19] Formatting on Time Setting page
  2. [22] ManufacturerOUI needs to be constant across all units
  3. [24] Hide Tx Power adjustment page as hidden page with password control
  4. [26] APP agent
  5. [31] WiFi button disable function (default disable this function in romfile)
  6. [34] HTTP redirect / diagnostics
  7. [35] Landing Page(default disable this function in romfile)
  8. [39] ManufacturerOUI needs to be constant across all units
- [BugFix]

1. [3] System Log can't export via "https" by "IE8" browser.
2. [4] Invoke "GetParameterValues" of "InternetGatewayDevice." doesn't work.(tool problem)
3. [5] There are no "WiFiWMM" Profile and "WiFiWPS" Profile for "InternetGatewayDevice:1".
4. [6] TR-069 connects to ACS server via "HTTPS" fail.
5. [7] Incorrect display of "Wireless LAN" traffic status.
6. [8] Incorrect display of "Ethernet LAN" traffic status.
7. [10] [TR-069] DUT CWMP can't connect with ACS by "https"
8. [12] [TR-069] unable download FW via https server
9. [13] No warning message to let User know the firmware is incorrect.
10. [14] HT Mostar - ACS problem(Customerziation requirement)
11. [25] QoS game list problem
12. [28] Firewall / Parental Control Schedule
13. [41] #140201605 PPPoA should support MTU 1500
14. [43] L1/L2 bug fix in (AAFP.1)b3 FW
    - Know issue: #125 IP Alias can't work when WAN is disconnected

Modifications in V2.00(AAFN.6)C0

- Change firmware ID from V2.00(AAFN.6)b1 to V2.00(AAFN.6)

Modifications in V2.00(AAFN.6)b1

- [BugFix]
    1. Wizard can not work when first login
    2. After reboot, tr069 connect request can't work.

Modifications in V2.00(AAFN.5)C0

- Change firmware ID from V2.00(AAFN.5)b1 to V2.00(AAFN.5)

Modifications in V2.00(AAFN.5)b1

- [BugFix]
    1. WebGUI no response after applying DMZ

Modifications in V2.00(AAFN.4)C0

- Change firmware ID from V2.00(AAFN.4)b4 to V2.00(AAFN.4)C0

Modifications in V2.00(AAFN.4)b4

- [BugFix]
    1. Web redirect occur when Internet is available while "IP Alias" is enable

Modifications in V2.00(AAFN.4)b3

- [BugFix]
    1. [Sweden & Finland] VC auto-hunt detect correct PVC for a long time issue
    2. #3 There is no "Summary" section in "System Info" webpage
    3. #4 System Log can't export via "https" by "IE8" browser
    4. #43 Incorrect display of "Wireless LAN" traffic status
    5. #44 Incorrect display of "Ethernet LAN" traffic status
    6. #118 DUT Eth WAN cannot get DHCPv6 IP after a successful connection
    7. #125 IP Alias can't worka when WAN is disconnected
    8. #129 Parental Control "Internet Access Schedule" does not block IPv6 internet access
    9. #148 Modify Broadband->More Connection MTU size other than 1500, but GUI still shows 1500
    10. #149 Cannot connect to ACS when first PVC is down
    11. #154 The Broadband page field show error symbol
    12. #159 DUT should pop-up warning message under 802.11n mode with WEP and TKIP encryption condition
    13. #161 The loading process of Network Map to system information takes long time

Modifications in V2.00(AAFN.4)b2

- [BugFix]
    1. Move RF TX power settings (only EU generic) to a hidden page with password
    2. #114 Daylight saving is not allowed to enter smaller "Start Date" than "End Date"
    3. #115 Incorrect MTU warning message in Bridge mode
    4. #120 PPPoE field in More connections does not display well in IE11
    5. #121 Should not allow 255.255.255.255 in IP Alias subnet mask
    6. #122 QoS game list "World of Warcraft Launcher and Game Client" some ports do not work
    7. #123 PVC0 DMZ will unworkable after configure PVC1 DMZ

8. #124 Port forwarding cannot to specify TCP/UDP port range

9. #84 QoS classifier > Service are not work

10. "#133 [TR-069] Set to reset PPP connection of ""InternetGatewayDevice.WANDevice.{i}.WANConnectionDevice.{i}.WANPPPConnection.{i}.Reset"" does not work"

11. #134 [TR-069] Value of "InternetGatewayDevice.DeviceInfo.Description" description is incorrect

12. #140 No matter what Encapsulation Type will base on previous setting in Wizard page

13. #142 In Wizard page, Wireless setup composition will not correct

14. Cannot login to router randomly after successfully connect to Wi-Fi

Modifications in V2.00(AAFN.4)b1

- [BugFix]
    1. [UK] The reset button action is not following standard ZyXEL and need to be changed

    2. [TR] In default mode WPS function is ''disabled'' for these products. But it must be ''enabled'

    3. "[UK] Setting account passwords in the config file doesn't seem to be working, unless I am misunderstanding how it works"

    4. [UK] rom-d upload issue

    5. [UK] WAN Password 16 characters issue

    6. [UK] WLAN MAC filtering TR-069 parameter type error

    7. #10 The "SSID" will be changed while clicking Wireless Channel Selection "Scan" button

    8. #29 DUT can't establish PPPoE session when MTU is configured to "100"

    9. #32 DUT will save the configuration while WebGUI reached "Idle Timeout"

    10. "#37 SetParameterValues ""InternetGatewayDevice.LANDevice.1.LANHostConfigManagement.DNSServers"" doesn't work"

    11. #38 "InternetGatewayDevice.LANDevice.1.WLANConfiguration." returns wrong information

    12. #48 LAN RA "Router Lifetime" value is not correctly sent

    13. #51 [TR-069] Need to remove "WEPKey.2.", "WEPKey.3." and "WEPKey.4."

    14. #52 [TR-069] Need to remove "DHCPCondServing" and "DHCPOption" profiles

    15. #53 [TR-069] Need to remove "NTPServer3" and "NTPServer4"

16. #54 [TR-069] Need to remove "LANUSBInterfaceNumberOfEntries" parameter
17. #55 [TR-069] Incorrect display of object "InternetGatewayDevice.WANDevice.1.WANConnectionDevice.1."
18. #60 Wizard can manually configure blank PPPoE username/password
19. #61 Enable ALG, LAN client can't register to SIP server
20. #67 Daylight saving does not show the correct time at the first apply
21. #68 Daylight saving is not allowed to enter smaller "Start Date" than "End Date"
22. #69 The More AP active icon remains active when they are disabled by WIFI scheduling
23. #75 E-mail notification show "SSID2" in the mail when the wireless guest visit
24. #91 DUT LAN DHCP server should be "Disable" when end-user setup WAN PVC0 as bridge
25. #92 Firewall MAC Filter can't block LAN interface
26. #100 Can't recover PPPoE session after PPPoE server drops PADR from DUT
27. "#105 When ENET ENCAP from only IPv4 static IP address change to only IPv6 static IP address will occurring WAN interface crash"
28. #111 Enable ALG, LAN client can't register to SIP server
29. #116 The GUI on WiFi WEP security does not have a description on how to entering the HEX value
30. "#155 The Wireless ""Group Key Update Timer"" could enter over 4 digits in ""More AP"" webpage, it is inconsistent with General webpage"
31. #161 User can't surf Internet when configure DUT WAN as "static IP address + static DNS server address"
32. #165 Incorrect display of Wireless Scheduling Start/End Time
33. Traffic will be blocked after reboot when device is configured as bridge mode
34. Bridge mode via Multiplex: VC-Mux fail
35. MAC filter issues
    A. MAC filter (Security -> Filter)
    B. Network Setting -> Wireless -> MAC Authentication
    C. Network Setting -> Wireless -> WDS
    D. Network Setting -> Home Networking -> Static DHCP
    E. Network Setting -> QoS -> Class Setup
    F. Security -> Firewall -> Rules
36. Cannot click Apply button in Gamelist page
37. #95 [TR-069] ACS server send Unknow RPC methods to DUT, but DUT doesn't return Fault code 9000

38. #88 DUT can't manually modify NAT port mapping rules via UPnP before press "Apply"

39. #78 UPnP information doesn't display on "Windows XP"

Modifications in V2.00(AAFN.3)G1

- Change firmware ID from V2.00(AAFN.3)G0 to V2.00(AAFN.3)G1

Modifications in V2.00(AAFN.3)G0

- Change firmware ID from V2.00(AAFN.3)b4_G0 to V2.00(AAFN.3)G0

Modifications in V2.00(AAFN.3)b4_G0

- [BugFix]
  1. Can't recover PPPoE session after PPPoE server drops PADR from DUT

Modifications in V2.00(AAFN.3)b3_G0

- [BugFix]
  1. [TR069] Delete parameter X_DefaultRoute
  2. [TR069] Set Layer3Forwarding.DefaultConnectionService to control default gateway
  3. #117 Wizard Auto pop feature fail
  4. Changing words from "Any" to "None" in Add New Firewall rule page
  5. MAC filter section
     (1) Network Setting -> QoS -> Class Setup
        i.   Block MAC address 00:00:00:00:00:00
        ii. MAC address format indication
     (2) Security -> Firewall -> Rules
        i.   MAC address format indication
     (3) Network Setting -> Wireless -> MAC Authentication
        i.   Block MAC address 00:00:00:00:00:00
        ii. MAC address format indication
        iii. Duplicate MAC Address can't be added.
     (4) Network Setting -> Wireless -> WDS
        i.   Block MAC address 00:00:00:00:00:00
        ii. MAC address format indication
        iii. Duplicate MAC Address can't be added.
     (5) Network Setting -> Home Networking -> Static DHCP

  i. Block MAC address 00:00:00:00:00:00

  ii. MAC address format indication

  iii. Duplicate MAC Address can't be added.

6. Traffic will be blocked after reboot when device is configured as bridge mode.

7. Bridge mode via Multiplex: VC-Mux fail.

8. Need to differentiate the word of Encryption in wireless page

9. The Wireless Scheduling can't word after Reboot DUT

Modifications in V2.00(AAFN.3)b2_G0

- [Feature]
  1. [TR069]
     - NAT feature should be able to enable/disable via TR-069
     - Default gateway should be able to change via TR-069
     - PVC2~PVC7 should be read/write and able to be created by web GUI and TR-069
     - Add new parameter:
       (1) X_IPversion
       (2) X_DefaultRoute
       (3) X_ConcurrentWAN_Enable
       (4) X_ConcurrentWAN_ETH01
       (5) X_ConcurrentWAN_ETH02
       (6) X_ConcurrentWAN_ETH03
       (7) X_ConcurrentWAN_ETH04
       (8) X_ConcurrentWAN_RA0
       (9) X_RIPDirection
       (10) X_Multicast
       (11) X_Passthrough
  2. Can manually choose Annex Type (reference: P-660HN-T1A)
  3. Add input box for "User define" service name on Port Forwarding page
  4. [MAC Filter section]

     a. Add MAC Address format indication

     b. Invalid MAC Address will show error message which can't be added and saved

     c. Duplicate MAC Address can't be added

- [BugFix]
  1. #162 Unable to set Firewall as "High" or "Custom" via TR-069
  2. #163 DUT does not save the Firewall configuration after configuring via TR-069
  3. #164 Firewall rule by Interface are not working correctly
  4. #165 Incorrect display of Firewall rule in GUI
  5. #166 PVC0 is not up by default
  6. #167 DMZ GUI page shows Ethernet WAN in WAN Interface
  7. #168 Cannot surf Internet when configure DUT as IPoE static IP/DNS (IPv4/IPv6)
  8. #169 Wireless Advanced GUI is displayed incorrectly after configuring to 802.11b+g
  9. #170 External/Home Guest AP clients can access DUT
  10. #171 DUT can't get WAN IPv4 address after change Multicast mode
  11. #172 Should not have "3G Upgrade" displayed in GUI
  12. #173 Multicast does not work when configure as "IGMPv1/IGMPv2" in PVC0 Broadband
  13. #174 Unable to activate TR069 Inform from GUI after disabling it via TR069
  14. Changing words from "None" to "Any" in Add New Firewall rule page.

Modifications in V2.00(AAFN.3)b1_J0

- [Feature]
  1. Option to display SOAP messages on serial console (Cotas/Bolivia)
  2. Firewall enables and disables option, should be configurable from TR-69 (Cotas/Bolivia)
  3. Firewall rule by interface (Cotas/Bolivia)

Modifications in V2.00(AAFN.2)b3

- [BugFix]
  1. DUT will send E-mail notification whenever the clients try to associate with Guest AP
  2. Incorrect display on WiFi Scheduling page
  3. Incorrect wording in Login page via IE10
  4. Unable to set IPoA connection via wizard
  5. Should not provide any RIP/RIP2 options for PPP (PPPoE/PPPoA) WAN type
  6. Incorrect wording display of Muti-WAN in System Info
  7. Setting account passwords in the config file doesn't seem to be working, unless I

am misunderstanding how it works

8. Multi-WAN display in drop-down menu in Connection Status should match with "Node Name" in "Broadband > More Connections"

9. NAT Port Forwarding rules can add duplicate rules

10. Unable to set IPoE static IP via wizard

Modifications in V2.00(AAFN.2)b2

- [Feature]
    1. Guest WLAN enhancement phase 1
    2. An option to enable, and to disable the default gateway for each PVCs, via Web GUI.
    3. Firewall WAN-Router operation
- [BugFix]
    1. DUT is sometimes crashed when testing Guest AP scheduling
    2. Cannot surf Internet when configure DUT as IPoE static IP/DNS (IPv4/IPv6)
    3. Incorrect WLAN TX power setting for Thailand account
    4. Incorrect WLAN MAC displayed in Connection Status
    5. Cannot surf Internet when configure to PPPoE with static IP (IPv4 only)
    6. Unable to show "Apply" & "Cancel" buttons in System page in IE10
    7. Wireless Clients under Guest AP should unable access to CPE
    8. Unnecessary "From Schedule Rules :"option under "Wireless Scheduling > Add New Rule page"
    9. Not able to show WAN connection status in System Info after reboot

Modifications in V2.00(AAFN.2)b1

- Feature
    1. Wifi guest access
    2. Guest SSID scheduling
    3. Email notification for user login SSID
    4. Wifi multicast to unicast (Enhanced Multicast Forwarding)
    5. Add "40MHz only" wifi band
    6. VC auto hunt for 4 ISPs
    7. Schedule reboot
    8. MyZyXEL DDNS

9. Web redirect

10. Wizard Auto pop up in every time GUI login, unless user enable an checkbox in Wizard page to not pop up again

11. New modem code v3.20.36.0 for OBM

12. Reset button action quickly

- BugFix

1. Setting account passwords

Modifications in V2.00(AAFN.1)C0

- Change firmware ID from V2.00(AAFN.1)D0 to V2.00(AAFN.1)C0

Modifications in V2.00(AAFN.1)b2

- BugFix

1. LAN PC can get IP after disabling DHCP server and after CPE reboot.

2. PPPoE connection failed when configured via wizard.

3. DUT does not get WAN IP when configure via wizard for the second time (IPoE).

Modifications in V2.00(AAFN.1)b1

- Feature

1. Support concurrent bridge and routing with single PVC

2. Support ADSL2+ Annex M by default, and it must be included in auto-mode sync sequence

3. Support WiFi channel 1-13

- BugFix

1. (Bolivia Costa) PPPoE password didn't encrypt in romfile

2. (Bolivia Costa) LAN PC needs to apply setting on GUI to get correct DNS

Modifications in V2.00(AAFN.0)C0

- Feature

1. Modified telnet server daemon for muilt commands on one time.

2. Modified default wifi EEPROM.

Modifications in V2.00(AAFN.0)b5

- BugFix

1. Takes long time for DUT to get WAN IP after configure via GUI

2. Incorrect wording of Wizard wireless set up page

-In Wireless Setup, The correct display should be "WPA-PSK/WPA2-PSK.

3. Incorrect information in TR-064 ServiceType:
urn:dslforum-org:service:DeviceInfo:1
-It Should be "802.11n ADSL2+ 4-port Wi-Fi Gateway"

4. Incorrect display on WiFi Scheduling page

5. Incorrect wording in GUI More AP page
-when enable "WPA-PSK Compatible", the summary page should show "WPA-PSK/WPA2-PSK"

6. Incorrect behavior of IP Filter.

7. Incorrect wording in GUI WPS webpage. It need to add a slash "/" between WPA-PSK & WPA2-PSK.

8. Enable UPnP service (WPS is enabled), try to access by Intel Device Spy, you can see the wrong DUT information of WPS.

9. Low wireless throughput under N mode with bi-directional.

10. When Interface of IP filter set to "LAN" and set to "Black List", both Incoming and Outgoing doesn't block as rule setting.

11. When Interface of IP filter set to "PVC" and set to "Black List", direction of "Incoming" doesn't block as rule setting.

12. When Interface of MAC filter set to "LAN" and set to "White List", both Incoming and Outgoing are blocked.

13. When Interface of MAC filter set to "PVC0" and set to "Black List", Incoming doesn't block as rule setting.

Modifications in V2.00(AAFN.0)b4

● BugFix
1. The WebGUI shows "AMG-1202-T10B", it should be "AMG1202-T10B"
2. Unable to connect Internet by Wizard after first successful installation
3. IP Subnet Mask is not displayed correctly in System Info
4. Takes long time for DUT to get WAN IP after configure via GUI
5. In Wireless Setup, it shows " WPAPSKWPA2PSK". The correct display should be "WPA-PSK" or "WPA2-PSK.
6. Incorrect information on UPnP
-Serial number is incorrect
-Model name should be AMG1202-T10B not AMG-1202-T10B
7. Incorrect display on "Edit Firewall Rule"
8. Incorrect information in TR-069 Inform

-Model name should be "AMG1202-T10B"

-Serial number should be the correct serial number not the MAC address

9. Incorrect information in TR-064 ServiceType:

urn:dslforum-org:service:DeviceInfo:1

10. Wiless page should show WPA-PSK and WPA2-PSK respectively

11. Incorrect device icon in WebGUI

12. MAP tool: [Bug Fixed] #115: Wrong typo in MAP tutorial multimedia file.

Modifications in V2.00(AAFN.0)b3

● BugFix

1. The WebGUI shows "AMG-1202-T10B", it should be "AMG1202-T10B"

2. Unable to connect Internet by Wizard after first successful installation

3. IP Subnet Mask is not displayed correctly in System Info

4. Takes long time for DUT to get WAN IP after configure via GUI

5. In Wireless Setup, it shows " WPAPSKWPA2PSK". The correct display should be "WPA-PSK" or "WPA2-PSK.

6. Incorrect information on UPnP

-Serial number is incorrect

-Model name should be AMG1202-T10B not AMG-1202-T10B

7. Incorrect display on "Edit Firewall Rule"

8. Incorrect information in TR-069 Inform

-Model name should be "AMG1202-T10B"

-Serial number should be the correct serial number not the MAC address

9. Incorrect information in TR-064 ServiceType:

urn:dslforum-org:service:DeviceInfo:1

10. Wiless page should show WPA-PSK and WPA2-PSK respectively

Modifications in V2.00(AAFN.0)b2

1. Initial Release

2. The codebase is P-1202-T10B Turkey(V200AAIA0b4).

Default Settings in V2.00(AAFN.8)b1

● WPS is disable

Default Settings in V2.00(AAFN.7)C0

● USERNAME=" ChangeMe"

Default Settings in V2.00(AAJC.7)b1

Modify default setting for "Default Setting List_for old model generic_20140219.xlsm"

Default Settings in V2.00(AAFN.4)b2

- ZYXEL_WIFI_OUTPUTPOWER_hidden="Yes"

Default Settings in V2.00(AAFN.3)G1

1. Modifying Output Power from " Normal " to "High"

Default Settings in V2.00(AAFN.3)b4_G0

1. Modifying Output Power from "High" to "Normal"
2. Modifying Channel Width from "Auto" to "40MHz"

Default Settings in V2.00(AAFN.3)b1_J0

1. TR069:
   Inform: enable,
   Inform Interval:　30
   ACS URL: http://10.50.0.2:8080/openacs/acs
   ACS User Name:　openacs
   ACS Password:　openacs
   Connection Request User Name:　openacs
   Connection Request Password:　openacs

2. Broadband:
   (1) PVC0 -> NodeName:COTAS, VPI:1 VCI:80, IPoE/LLC, NAT:On
   (2) PVC1 -> NodeName:DSLAM, VPI:1 VCI:39, IPoA/LLC, NAT:Off, IP:192.168.2.1
3. DHCPClientopt60Flag="On", DHCPClientopt60value="dslforum.org"
4. Firewall: Off
5. Remote MGMT -> ICMP: LAN and WAN

Default Settings in V2.00(AAFN.2)b2

1. Delete WLan_Entry1 about ZyXEL_Guest
2. Add SystemLog_EmailWifi
   (1) Interface_Guest_AP="Inactive"

(2) Interface_Others_AP="Inactive"

3.   Add ZyXEL_Entry ZYXEL_WIFI_OUTPUTPOWER_ENHANCE="Yes"

Default Settings in V2.00(AAFN.2)b1

1.   Add Wireless 40MHz
2.   Add Schedule Reboot
3.   Add Guest AP
4.   Add Email Wifi
5.   Modified VC auto haunt
6.   Add autowizard

Default Settings in V2.00(AAFN.1)C0

7.   Modified Annex type A to Annex type mixed (ANNEX A/I/J/L/M).

Default Settings in V2.00(AAFN.1)b1

1.   Support concurrent bridge and routing with single PVC
2.   Modified Country Code.

Default Settings in V2.00(AAFN.0)b5

3.   Disable AutoVChunt.
4.   Change default IpMacfilter Node interface PVC0 to LAN and ruletype IP to Mac.

Default Settings in V2.00(AAFN.0)b2

1.   Refer to the XML format file "*.rom" in FW release package.

Public Domain Software Announcements

The following public domain software was used in this firmware release:

Model:	FW:			
AMG1202-T10B	V2.00(AAFN.7)C0	Document Version: 2.9		

Open Source Used (3rd party software)	Version	From (Source)	Licensing Term	Modified / Used
linux-atm	0.78	http://www.ibiblio.org/pub/linux/docs/howto/ATM-Linux-HOWTO	other	Used
br2684ctl	2001.2	http://www.linuxcommand.org	GPL	Used
bridge-utils	1.0.6	http://bridge.sourceforge.net/	GPL	Modified
mxml	2.4	http://mxml.sourcearchive.com/	other	Used
busybox	1	http://www.busybox.net	GPL	Modified
matrissl	1.8	http://www.matrixssl.org/	GPL	Modified
wireless_tools	0.28	http://www.hpl.hp.com	GPL	Used
cpu	1.0.0	https://github.com/rhuitl/uClinux/blob/master/user/cpu/cpu.c	GPL	Used
iptables	1.3.8	http://www.netfilter.org	GPL	Modified
iptables	1.4.0	http://www.netfilter.org	GPL	Modified
iproute2	2.6.22	http:/developer.osdl.org	GPL	Used
ebtables	2.0.8-2	http://ebtables.sourceforge.net	GPL	Used
mtd		http://www.linux-mtd.infradead.org/	GPL	Modified
ppp	2.4.1	http://samba.org/ppp/index.html	other	Modified
utelnetd	0.1.2	http://www.pengutronix.de/	GPL	Modified
boa-asp	0.94	http://www.boa.org/	GPL	Modified
dhcp-isc	2	http://www.fugue.com/dhcp/lists	ISC	Used
ez-ipupdate	3.0.11b7	http://sourceforge.net/projects/ez-ipupdate/	GPL	Modified
inadyn	1.96.2	http://www.inatech.eu/inadyn/	GPL	Modified
btfpd	2.2	http://bftpd.sourceforge.net/	GPL	Modified
inetd		https://github.com/rhuitl/uClinux/tree/master/user/ine	GPL	Used

		td		
openssl	0.9.7f	http://www.openssl.org/	Openssl (BSD-style)	Used
net-snmp	5.3.1_v3_ipv6	http://www.net-snmp.org/	other	Modified
ntpclient	2000	http://doolittle.icarus.com/ntpclient/	GPL	Modified
tftp	1		GPL	Modified
rp-pppoe	3.1	http://www.roaringpenguin.com/products/pppoe	GPL	Used
zebra	0.93a	http://www.zebra.org	GPL	Used
dropbear	0.52	http://matt.ucc.asn.au/dropbear/dropbear.html	MIT-STYLE	Modified
flex	2.5.35	http://flex.sourceforge.net/	OTHER	Used
radvd	1.5	http://www.litech.org/radvd/	OTHER	Used
vlan		http://vlan.sourcearchive.com/	GPL	Used
wide-dhcpv6	1.3	http://sourceforge.net/projects/wide-dhcpv6/	BSD	Modified
dnsmasq	2.52	http://www.thekelleys.org.uk/dnsmasq/	GPL	Used
ecmh	20050209	http://unfix.org/projects/ecmh/	GPL	Modified
ppp	2.4.5	http://samba.org/ppp/index.html	OTHER	Used
mailsend	1.3	http://www.muquit.com/muquit/software/mailsend/mailsend.html	GPL	Used
wput	0.6.1	http://wput.sourceforge.net/	GPL	Used