

AMG1302-T10B

Firmware Release Note

V2.00(AAJC.7)C0

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TABLE OF CONTENTS

SUPPORTED PLATFORMS:	5
VERSIONS:	5
NOTES:	5
FEATURES LIST:	5
MODIFICATIONS IN V2.00(AAJC.7)C0.....	6
MODIFICATIONS IN V2.00(AAJC.7)B2.....	6
MODIFICATIONS IN V2.00(AAJC.6)B3.....	6
MODIFICATIONS IN V2.00(AAJC.6)B2.....	7
MODIFICATIONS IN V2.00(AAJC.6)B1.....	7
MODIFICATIONS IN V2.00(AAJC.5)B1.....	8
MODIFICATIONS IN V2.00(AAJC.4)C0.....	8
MODIFICATIONS IN V2.00(AAJC.4)B3_N0	8
MODIFICATIONS IN V2.00(AAJC.4)B2_I0	9
MODIFICATIONS IN V2.00(AAJC.4)B1.....	9
MODIFICATIONS IN V2.00(AAJC.3)C0.....	10
MODIFICATIONS IN V2.00(AAJC.3)B3.....	10
MODIFICATIONS IN V2.00(AAJC.3)B2.....	10
MODIFICATIONS IN V2.00(AAJC.3)B1.....	11
MODIFICATIONS IN V2.00(AAJC.2)C0.....	12
MODIFICATIONS IN V2.00(AAJC.2)B1.....	12
MODIFICATIONS IN V2.00(AAJC.1).....	12
MODIFICATIONS IN V2.00(AAJC.1)B4.....	12
MODIFICATIONS IN V2.00(AAJC.1)B3.....	12
MODIFICATIONS IN V2.00(AAJC.1)B2.....	13
MODIFICATIONS IN V2.00(AAJC.1)B1.....	14
MODIFICATIONS IN V2.00(AAJC.0)C0.....	16

MODIFICATIONS IN V2.00(AAJC.0)I0	16
MODIFICATIONS IN V2.00(AAJC.0)B7_I0	16
MODIFICATIONS IN V2.00(AAJC.0)B6_I0	16
MODIFICATIONS IN V2.00(AAJC.0)B5_I0	17
MODIFICATIONS IN V2.00(AAJC.0)B4_I0	17
MODIFICATIONS IN V2.00(AAJC.0)B3	19
MODIFICATIONS IN V2.00(AAJC.0)B2	19
MODIFICATIONS IN V2.00(AAJC.0)B1	20
DEFAULT SETTINGS IN V2.00(AAJC.6)B1	20
DEFAULT SETTINGS IN V2.00(AAJC.4)C0	20
DEFAULT SETTINGS IN V2.00(AAJC.4)B3_N0	20
DEFAULT SETTINGS IN V2.00(AAJC.4)B2_I0	20
DEFAULT SETTINGS IN V2.00(AAJC.4)B1	20
DEFAULT SETTINGS IN V2.00(AAJC.3)C0	20
DEFAULT SETTINGS IN V2.00(AAJC.3)B1	20
DEFAULT SETTINGS IN V2.00(AAJC.1)B2	21
DEFAULT SETTINGS IN V2.00(AAJC.0)C0	21
DEFAULT SETTINGS IN V2.00(AAJC.0)B4_I0	21
DEFAULT SETTINGS IN V2.00(AAJC.0)B3	22
DEFAULT SETTINGS IN V2.00(AAJC.0)B1	22

REVISION HISTORY

Date	Release	Author	Description
2013/2/4	1.0	Pochao	V2.00(AAJC.0)b1
2013/3/19	1.0	D. Wolf	V2.00(AAJC.0)b2
2013/4/24	1.1	Seven	V2.00(AAJC.0)b3
2013/5/31	1.2	Seven	V2.00(AAJC.0)b4_I0
2013/6/10	1.3	Seven	V2.00(AAJC.0)b5_I0
2013/6/21	1.4	Seven	V2.00(AAJC.0)b6_I0

2013/6/21	1.5	Seven	V2.00(AAJC.0)b7_I0
2013/6/23	1.6	Seven	V2.00(AAJC.0)I0
2013/6/23	1.7	Seven	V2.00(AAJC.0)C0
2013/12/25	1.8	Harrison Chen	V2.00(AAJC.1)b1
2014/01/20	1.9	Harrison Chen	V2.00(AAJC.1)b2
2014/02/14	2.0	Harrison Chen	V2.00(AAJC.1)b3
2014/02/24	2.1	Harrison Chen	V2.00(AAJC.1)b4
2014/02/26	2.2	Harrison Chen	V2.00(AAJC.1)
2014/03/18	2.3	Seven	V2.00(AAJC.2)b1
2014/03/19	2.4	Seven	V2.00(AAJC.2)C0
2014/04/02	2.5	Seven	V2.00(AAJC.3)b1
2014/05/09	2.6	Seven	V2.00(AAJC.3)b2
2014/05/26	2.7	Seven	V2.00(AAJC.3)b3
2014/07/09	2.8	Seven	V2.00(AAJC.3)C0
2014/07/28	2.9	Seven	V2.00(AAJC.4)b1
2014/08/11	3.0	Seven	V2.00(AAJC.4)b2_I0
2014/08/14	3.1	Seven	V2.00(AAJC.4)b3_N0
2014/08/19	3.2	Seven	V2.00(AAJC.4)C0
2014/08/27	3.3	Seven	V2.00(AAJC.5)b1
2014/09/22	3.4	Seven	V2.00(AAJC.6)b1
2014/10/14	3.5	Seven	V2.00(AAJC.6)b2
2014/10/27	3.6	Seven	V2.00(AAJC.6)b3
2014/11/05	3.7	Seven	V2.00(AAJC.6)C0
2015/01/15	3.8	Seven	V2.00(AAJC.7)b2
2015/01/26	3.9	Seven	V2.00(AAJC.7)C0

ZyXEL AMG1302-T10B V2.00(AAJC.7)C0

Release Note

Date: Jan. 26 2015

Supported Platforms:

ZyXEL AMG1302-T10B (Mediatek 63365)

Versions:

Bootbase version: V2.05 | 08/26/2014

Firmware version: V2.00(AAJC.7)

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(AAJC.7)C0

1. Based on V2.00(AAJC.7)b2 create V2.00(AAJC.7)C0
 - Change firmware ID from V2.00(AAJC.7)b2 to V2.00(AAJC.7)

Modifications in V2.00(AAJC.7)b2

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

Modifications in V2.00(AAJC.6)b3

- [BugFix]
 1. [SVD#281][L1] Invalid time format of daylight savings .
 2. [SVD#282][L1] No matter keyin Invalid/valid time type, the typeface will become gray color.
 3. [SVD#286][L2] The pop out message display error when node name doesn't setting.
 4. [SVD#287][L2] Remote MGMT can't use the same port between LAN and WAN side and NAT Application Servers.
 5. [SVD#288][L2] Remote MGMT Multi_WAN Interface can't work.
 6. [SVD#289][L2] Remote MGMT Trust Domain can't work well when Remote MGMT WAN Interface configure as Multi_WAN.
 7. [SVD#293][L2] Internet schedule time format isn't match with note.
 - ◆ Only wording
 8. [SVD#294][L2] Wireless scheduling of time format has some error.
 - ◆ Only wording
 9. [SVD#297][L2] Firewall rule should pop out error message when setting invalid format.
 10. [SVD#298][L2] Refresh Interval should pop out error message when setting invalid format.
 11. [SVD#299][L2] Diagnostic ping/DSL line field behavior is not match with note describe.
 12. [SVD#302][L2] Port forwarding can't setup when External end port equal with open start port
 13. [SVD#304][L2] Shouldn't allow keyin invalid value at firewall order.
 14. [CSO#140900306][KCOM] IPSec VPN Pass-through issue

Modifications in V2.00(AAJC.6)b2

- [Feature]
 1. [CSO#131004575]Interface definitions in ACL
 - ◆ Only Lan to Wan
- [BugFix]
 1. [SVD#242][L1] When DUT system time and DSL linkup time over 24 days that DSL linkup time will display error format
 2. [SVD#271][L1] Connect internet fail and retry again via Wizard, GUI display abnormal.
 3. [SVD#273][L1] The button of Trust Domain webpage has error typo.
 4. [SVD#274][WS] It shouldn't add LAN IP to Trust Domain list successfully.
 5. [SVD#275][L2] LAN IP of Trust Domain doesn't work.
 6. [SVD#276][L1] Trust domain title show incorrect word.
 7. [CSO#131004888] UK romconvert from firewall to MGMT fail
 8. [CSO#140302469] DHCP discovery message issue
 9. [CSO#140500220] AMG 1302-T10B / Port status Through SNMP / 4811
 - ◆ snmpwalk -v2c -c public 192.168.1.1 1.3.6.1.2.1.2.2.1.8
 10. [CSO#140500819]TR-069 LocalCurrentTime wrong
 11. [CSO#140900265] GPV "InternetGatewayDevice.LANDevice.1.Hosts." not responding
 12. [CSO#140900427] (RSA) TR069 WANAccessType is not correct

Modifications in V2.00(AAJC.6)b1

- [BugFix]
 1. [SVD#224][L1]Multi-WAN in Remote Mgmt should not have 3G option in AMG1302 model
 2. [SVD#231][L2]All Remote Mgmt customized ports do not work
 3. [SVD#232][L2]WAN client cannot access DUT remote service after changing default port
 4. [SVD#240][L2]Verify LAN clients learn new DNS server during LAN side renew
 5. [SVD#241][L2]Verify router sends new Inform when primary WAN IP address changes
 6. [SVD#243][L1]Enable/disable tick box of "ETHWAN" option in Remote Mgmt Multi_WAN always shows not ticked
 7. [SVD#244][L3]Adding a new Trust domain in Remote mgmt always shows the last

record

8. [SVD#248][S2] LAN PC cannot ping or access DUT GUI during stress test
9. [SVD#249][S2] PPPoE disconnect and cannot recover during stress test
10. [SVD#254][L2] EthWAN PPPoE Service Name does not work
11. [SVD#266][L2] UPnP friendly name is changed when disable & enable the UPnP
12. [CSO#140500821]TR-069 PeriodicInformTime not reporting

Modifications in V2.00(AAJC.5)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
- [BugFix]
 1. Bootbase update to V2.05
 - ◆ [CSO] expressboot tool update ROM-D and ROM-0 at the same time will update fail
 2. [CSO# 140302266] HT Mostar - AMG1202-T10B - TR-069 LAN port statistics missing
 - ◆ InternetGatewayDevice.LANDevice.1.LANEthernetInterfaceConfig.n
 3. [SVD#217] The description of Parental Control webpage has wording typo.
 4. [SVD#218] Pre-Shared Key of More AP webpage have unnecessary symbol ":".

Modifications in V2.00(AAJC.4)C0

2. Based on V2.00(AAJC.4)b3_N0 create V2.00(AAJC.4)C0
 - Change firmware ID from V2.00(AAJC.4)b3_N0 to V2.00(AAJC.4)

Modifications in V2.00(AAJC.4)b3_N0

- [BugFix]

1. Bootbase update to V2.04
 - ◆ [CSO] expressboot tool update ROM-D and ROM-0 at the same time will update fail
 - ◆ Disable reset romd through press reset button

Modifications in V2.00(AAJC.4)b2_I0

- [BugFix]
 1. [CSO#140302125] Random Periodic Inform Issue(UPNP solution)
 2. [CSO#140800106] FTP rom-d upload issue
 3. [SVD#213] Sometimes DUT occur call trace when do firmware upgrade by WebGUI.

Modifications in V2.00(AAJC.4)b1

- [Feature]
 1. Reset Button behavior
 - ◆ Change the reset button behavior for consistence (from 10 sec to 5 sec). Also to remove the backdoor mechanism
 2. WAN autosense
 - ◆ Check with ES of AMG13xx auto sense WAN RDv6.doc
 3. Auto channel scan
 - ◆ change UK Auto scan by 1-11, but can manually select the channel 12 & 13
 4. Supervisor password
 - ◆ If password is blank. System will auto-generate password.(verify with AutoGenSupervisorPassword tool)
 5. Wifi driver update to 2.5.0.11
 6. add Firewall_WAN2Router_Priority feature only for UK(country code F9)
- [BugFix]
 1. [140302125] TR-069 INFORMs stop
 2. [140400202] AMG1302-T10B / Config Reset
 3. [140302125] Random Periodic Inform Issue
 4. [140401371] Adding a port forward rule followed by a Reboot results the unit to factory defaults (RESET).
 5. [140400243] PPP disconnection / dropping connections
 6. Interface of QoS rules display DSL WAN interface under Ether WAN mode.
 7. Firewall rule shouldn't add a new rule successful when it don't input anything on Name field.

8. After set static IPv6 address, can't return to set static IPv6.
 9. The memory usage of cfg_manager will increase with time because memory leakage.
 10. DHCP Relay Server Address have error typo
 11. DUT will hang on when WebGUI to upgrade FW from WAN PC.
 12. DUT wouldn't show login page by Reset to default/Change dsl to Ethernet mode/Upgrade FW from WebGUI
 13. Under Ethernet mode the Virtual Device of Port 1 show "LAN1".
 14. DMZ set 0.0.0.0 to disable fail
- [internal BugFix]
 1. Fix system boot up hung issue because of Auto channel scan

Modifications in V2.00(AAJC.3)C0

- [BugFix]
 1. [207] PPPoE connection unstable when PPPoE is configure at first bootup
 2. [CSO#140400243] PPP disconnections
 - ◆ PPP will disconnect randomly because read wrong status in internet connect status file
 3. [CSO#140400202] FW: AMG1302-T10B / Config Reset
 - ◆ Config reset randomly because read wrong status in internet connect status file and write wrong status to data model cause check romfile error.
 - ◆ P.S. Config reset have another situation. Still debug now

Modifications in V2.00(AAJC.3)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
 4. [201] MyZyXEL DDNS doesn't work under EtherWAN
 - ◆ Hide MyZyXEL because it is for Thailand
 5. By default, "Connection Request Path" is blank in TR-069 page

Modifications in V2.00(AAJC.3)b2

- [BugFix]
 1. [183] DUT EthWAN does not get IP after reboot (under VLAN condition)
 2. [184] WLAN MAC Restrict Mode cannot remove the "Deny" item.

3. [187] GUI no response under specific condition
4. [188] GUI does not automatically logout after inactive timer when applying setting
5. [189] PPPoE Connect on demand timeout does not work
6. [190] Typo of QoS Service
7. [191] 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
8. [192] Port forwarding rule still can work after disable Port forwarding.
 - ◆ Not a bug. It is because session not timeout
9. [193] The warning message will pop up again when setting error configure in remote manager page.
10. [194] In Ethernet mode,Snmpv2/Snmpv3 will show error message.
 - ◆ Can't duplicate this issue

Modifications in V2.00(AAJC.3)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(Customerization 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(AAJC.2)C0

3. Based on V2.00(AAJC.2)b1 create V2.00(AAJC.2)C0
 - Change firmware ID from V2.00(AAJC.2)b1 to V2.00(AAJC.2)

Modifications in V2.00(AAJC.2)b1

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

Modifications in V2.00(AAJC.1)

1. Based on V2.00(AAJC.1)b4 create V2.00(AAJC.1)
 - Change firmware ID from V2.00(AAJC.1)b4 to V2.00(AAJC.1)

Modifications in V2.00(AAJC.1)b4

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

Modifications in V2.00(AAJC.1)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 work when WAN is disconnected
8. #126 IPv6 Static route does not work on Eth WAN mode
9. #127 RADVD "Delegate M/O flag from WAN" behavior is not correct under Eth WAN mode
10. #128 DUT EthWAN mode always send DHCP discover twice after reboot
11. #129 Parental Control "Internet Access Schedule" does not block IPv6 internet access
12. #148 Modify Broadband->More Connection MTU size other than 1500, but GUI still shows 1500
13. #149 Cannot connect to ACS when first PVC is down
14. #154 The Broadband page field show error symbol
15. #159 DUT should pop-up warning message under 802.11n mode with WEP and TKIP encryption condition
16. #161 The loading process of Network Map to system information takes long time

Modifications in V2.00(AAJC.1)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. #131 Firewall Rule WAN to LAN doesn't work under EtherWAN
 11. #132 Firewall Rule LAN to WAN Destination Interface "EtherWAN" does not work
 12. "#133 [TR-069] Set to reset PPP connection of
""InternetGatewayDevice.WANDevice.{i}.WANConnectionDevice.{i}.WANPPPPConn

- ection.{i}.Reset"" does not work"
13. #134 [TR-069] Value of "InternetGatewayDevice.DeviceInfo.Description" description is incorrect
 14. #140 No matter what Encapsulation Type will base on previous setting in Wizard page
 15. #142 In Wizard page, Wireless setup composition will not correct
 16. Cannot login to router randomly after successfully connect to Wi-Fi

Modifications in V2.00(AAJC.1)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. #110 DUT can't display IPv6 WAN information in "System Info" webpage with "Ethernet WAN" connection
29. #111 Enable ALG, LAN client can't register to SIP server
30. #116 The GUI on WiFi WEP security does not have a description on how to entering the HEX value
31. #155 The Wireless ""Group Key Update Timer"" could enter over 4 digits in ""More AP"" webpage, it is inconsistent with General webpage
32. #157 Multicast doesn't work under Ethernet WAN mode
33. #158 Dynamic DNS doesn't work under Ethernet WAN mode
34. #160 QoS doesn't work under Ethernet WAN mode
35. #161 User can't surf Internet when configure DUT WAN as "static IP address + static DNS server address"
36. #164 Incorrect display of "System Info" under "Ethernet WAN" mode
37. #165 Incorrect display of Wireless Scheduling Start/End Time
38. #166 Incorrect display of UPnP Internet link speed under "Ethernet WAN" mode
39. Traffic will be blocked after reboot when device is configured as bridge mode
40. Bridge mode via Multiplex: VC-Mux fail
41. 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

42. Cannot click Apply button in Gamelist page
43. #95 [TR-069] ACS server send Unknow RPC methods to DUT, but DUT doesn't return Fault code 9000
44. #88 DUT can't manually modify NAT port mapping rules via UPnP before press "Apply"
45. #78 UPnP information doesn't display on "Windows XP"

Modifications in V2.00(AAJC.0)C0

2. Based on V2.00(AAJC.0)I0 create V2.00(AAJC.0)C0
 - Change firmware ID from V2.00(AAJC.0)I0 to V2.00(AAJC.0)C0

Modifications in V2.00(AAJC.0)I0

1. Based on V2.00(AAJC.0)b7_I0 create V2.00(AAJC.0)I0
 - Change firmware ID from V2.00(AAJC.0)b7_I0 to V2.00(AAJC.0)I0

Modifications in V2.00(AAJC.0)b7_I0

1. Based on V2.00(AAJC.0)b6_I0 create V2.00(AAJC.0)b7_I0
 - Change firmware ID from V2.00(AAJC.0)b6_I0 to V2.00(AAJC.0)b7_I0
 - Modify RT30xxEEPROM.bin
 - [0x013C]=0x0000 is default setting can fix floating link rate and through put too low issues
 - [0x00E7]=0x55 ,[0x00EB]=0x55 can fit the spec of Transmit power (MCS6,7 less 1dB than OFDM 54M/ MCS14,15 less 1dB than OFDM 54M)

Modifications in V2.00(AAJC.0)b6_I0

1. Based on V2.00(AAJC.0)b5_I0 create V2.00(AAJC.0)b6_I0
 - Change firmware ID from V2.00(AAJC.0)b5_I0 to V2.00(AAJC.0)b6_I0
 - Disable ALC in RT30xxEEPROM.bin
 - Increase the Range of DAC we can modify

Modifications in V2.00(AAJC.0)b5_I0

1. Based on V2.00(AAJC.0)b4_I0 create V2.00(AAJC.0)b5_I0
 - Disable GuestAP

[Bug Fixed]

1. [102][WLAN] There is no independent scheduling for Guest AP.
2. [103][WLAN] The Guest WLAN shouldn't enabled/disabled by "wireless scheduling".
3. [104][WLAN] User can't configure "Mail Server" in "Email Notification" section for Guest AP.

Modifications in V2.00(AAJC.0)b4_I0

[Feature]

1. Web redirect
2. Wizard Auto pop up in every time GUI login, unless user enable an checkbox in Wizard page to not pop up again
3. Login page, the cursor should be active in the Username box so that the user just types "admin" and doesn't have to click in there first.
4. Change modem code from V3.20.3.0 to V3.20.36.0
5. Enable ConcurrentWAN in DSL mode
6. Support Guest AP

[Bug Fixed]

1. [4][Remote MGMT] "Remote MGMT" should have higher priority than "Port Forwarding" rules.
2. [7][Wizard] Wizard can manually configure blank PPPoE username/password.
3. [8][Wizard] Incorrect "WLAN Security Level" display in Wizard.
4. [15][DMZ] "DMZ" should have higher priority than "Port Forwarding" rules.
5. [20][WebGUI] Incorrect wording in GUI WPS webpage.
6. [21][Filter] Incorrect behavior of IP Filter.
7. [22][Filter] Incorrect behavior of MAC Filter.
8. [48][WebGUI] Incorrect display on "WiFi Scheduling" webpage.
9. [51][Led] Incorrect behavior on "WPS LED".
10. [66][Throughput] Wireless WDS throughput under one WDS bridge link at 802.11b/g/n mode, the average throughput only reaches "42Mbps".

11. [68][Filter] "IP/MAC filter" works duplicate with "Firewall Rules".
12. [72][WebGUI] Incorrect wording in "More AP" webpage.
13. [73][Wizard] DUT doesn't establish PPPoE session after repeatedly configure via wizard.
14. [74][WPS] Wrong DUT information of WPS.
15. [80][Filter] When Interface of IP filter set to "LAN" and set to "Black List", both Incoming and Outgoing doesn't block as rule setting.
16. [81][Filter] When Interface of IP filter set to "PVC" and set to "Black List", direction of "Incoming" doesn't block as rule setting.
17. [82][Filter] When Interface of MAC filter set to "LAN" and set to "White List", both Incoming and Outgoing are blocked.
18. [83][Filter] When Interface of MAC filter set to "PVC0" and set to "Black List", both Incoming and Outgoing doesn't block as rule setting.
19. [85][WAN] DUT WAN can't obtain ENET ENCAP IP address after restart system.
20. [86][DMZ] By default, DMZ can't configure under Ethernet WAN mode.
21. [87][DMZ] It will confuse users by "Default Server" and "Change to Server" functions in DMZ webpage.
22. [88][Ethernet WAN] DUT doesn't support Bridge mode under Ethernet WAN mode.
23. [89][Ethernet WAN] DUT still can get WAN IP under Ethernet WAN mode if DUT plug in DSL line.
24. [90][WebGUI] There is no any "Ethernet WAN" status in "System Info" webpage.
25. [91][Wizard] Wizard "Internet Setup" can't work well under Ethernet WAN mode.
26. [92][WebGUI] Incorrect display of IPv4 WAN information in "System Info" webpage under "Ethernet WAN" mode.
27. [94][DMZ] DMZ doesn't work under Ethernet WAN mode in some specific conditions.
28. [95][Traffic Status] Incorrect display of "Traffic Status" under Ethernet WAN mode.
29. [96][LAN] Disable DHCP server, LAN/WLAN hosts can get IP address/DNS server address after restart system.
30. [97][WebGUI] The Web style of "Time Setting" webpage can't display properly on specified "IE10" browser.
31. [99][Ethernet WAN] "Dynamic DNS server" doesn't work under Ethernet WAN mode with "PPPoE + VLAN" configuration.
32. [101][QoS] QoS doesn't work under Ethernet WAN mode.
33. #130502002: The reset button action is not following standard ZyXEL and need to be changed
34. #130502022: Setting account passwords in the config file doesn't seem to be working,

unless I am misunderstanding how it works.

Modifications in V2.00(AAJC.0)b3

[Bug Fixed]

35. [3][Ether WAN] Bridge mode under "Ether WAN" doesn't work.
36. [9][System] DUT doesn't redirect to login webpage after "change WAN type to Ethernet" via LAN side by WebGUI.
37. [11][Ether WAN] DUT will "Call Trace" every 15 minutes under "Ethernet WAN" connection condition.
38. [12][LAN] DUT LAN IPv6 address can't be delegated prefix from WAN under "Ethernet WAN" connection.
39. [19][Ether WAN] The "802.1Q VLAN" doesn't work.
40. [23][NAT] NAT can't disable under "Ethernet WAN".
41. [24][DMZ] Can't setup DMZ for "Ethernet WAN" interface.
42. [25][Port forwarding] Can't not setup port forwarding rules for "Ethernet WAN" interface.
43. [55][Ether WAN] Test QoS function under "Ethernet WAN" will occurring call trace.
44. [56][QoS] "Ether Type" of QoS Classifier no IPv6 options when select interface to "From WAN".
45. [69][NAT] Incorrect NAT behavior on Ether WAN mode.
46. [70][RemoteMGMT] All of Remote MGMT doesn't work under Ethernet WAN mode.

Modifications in V2.00(AAJC.0)b2

1. Based on P-1202-T10B V2.00(AAFN.0)b4 create V2.00(AAJC.0)b2.
2. The Ether WAN feature is removed in this version. The Ether WAN related bug fix will be put in the [Bug Fixed] list in the next release

[Bug Fixed]

1. [1][WebGUI] The device icon is wrong in "LAN Device" and "Virtual Device" webpage.
2. [5] Wrong typo in "Method 1 PBC" field of "WPS" webpage.
3. [6] Incorrect display of double "::<"
4. [26] The "WLAN LED" doesn't work.
5. [50] Incorrect wording in GUI "More AP" webpage.
6. [57] Incorrect display on "Edit Firewall Rule".

Modifications in V2.00(AAJC.0)b1

1. Based on P-1202-T10B V2.00(AAIA.0)b4 create V2.00(AAJC.0)b1.
 - A. Remove multi-language from web GUI.
 - B. Add Ethernet WAN in GUI wan page.

Default Settings in V2.00(AAJC.6)b1

- WPS is disable

Default Settings in V2.00(AAJC.4)C0

- Modify default setting for EU generic FW

Default Settings in V2.00(AAJC.4)b3_N0

- Modify default setting for
“AMG1302-T10B-GB05V1F_200AAJC4N0_DefaultConfig_NewCall_20140812.xlsm”

Default Settings in V2.00(AAJC.4)b2_I0

- Modify default setting for
“AMG1302-T10B_200AAJC3_DefaultConfig_FTEL-POL_20140619.xlsm”

Default Settings in V2.00(AAJC.4)b1

- Wan_Connect_FirstLogin="0"
- AutoSense="Yes" AutoSenseT1="30" AutoSenseT2="15"
AutoSenseProbeDelay="0" AutoSenseDBG="1"
- AUTO_CHANNEL_11="No"

Default Settings in V2.00(AAJC.3)C0

- USERNAME="ChangeMe"

Default Settings in V2.00(AAJC.3)b1

- Modify default setting for “Default Setting List_for old model generic_20140219.xlsm”

Default Settings in V2.00(AAJC.1)b2

- ZYXEL_WIFI_OUTPUTPOWER_hidden="Yes"

Default Settings in V2.00(AAJC.0)C0

1. Change Romfile from UK to Generic

- Modified VPI/VCI:0/33
- Encapsulation: PPPoE LLC
- Disable IGMP proxy
- Modified MTU 1492
- IPv4/IPv6
- Disable auto hunt
- Enable IGMP Snooping
- Modified Wireless Channel select: 6
- Modified CountryCode: base on the setting in MRD(default FF)
- Disable WPS, Status = Unconfigured
- Time Zone: GMT-12:00
- Disable daylight saving time
- Modified TR-069 setting: periodInterval=300 ; password=admin
- Disable ICMP from Wan in Remote MGMT

Default Settings in V2.00(AAJC.0)b4_I0

1. Enable web redirect

2. Enable autowizard for account admin

3. Modify default setting for I0

- Modified VPI/VCI:0/38
- Encapsulation: PPPoA VC-Mux
- Enable IGMP proxy
- Modified MTU 1500
- IPv4 only
- Modified Annex type A to Annex type mixed (ANNEX A/I/J/L/M).
- Enable auto hunt(0/101;0/102;1/50;8/35)
- Disable IGMP Snooping
- Modified Wireless Channel select: Auto
- Modified CountryCode:F9

- Enable WPS, Status = configured
- Time Zone: GMT
- Enable daylight saving time
 - start: last Sunday at March at 1:00
 - end: last Sunday at October at 2:00
- Modified TR-069 setting: periodInterval=86400 ; password=N/A
- Enable ICMP from Wan in Remote MGMT

Default Settings in V2.00(AAJC.0)b3

1. Modify the default setting of “CountryRegion” for wireless channel(1-13) in EU version

Default Settings in V2.00(AAJC.0)b1

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