

VMG8823-BX0B

Generic

Firmware Release Note

V5.13(ABEJ.4)C0

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Author: Emily Chang
Reviewer: Wilbur Lu

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Revision History

Date	Release	Author	Description
2017/02/28	1.0	Bell Chi	V5.13(ABEJ.0)b1
2017/04/10	1.1	Bell Chi	V5.13(ABEJ.0)b2
2017/04/21	1.2	Bell Chi	V5.13(ABEJ.0)b3
2017/05/17	1.3	Bell Chi	V5.13(ABEJ.0)C0
2017/06/30	1.4	Rex Chen	V5.13(ABEJ.1)b1
2017/07/07	1.5	Rex Chen	V5.13(ABEJ.1)C0
2017/07/24	1.6	Rex Chen	V5.13(ABEJ.1)C1
2017/09/08	1.7	Emily Chang	V5.13(ABEJ.2)b1
2017/10/27	1.8	Emily Chang	V5.13(ABEJ.2)b2
2017/12/18	1.9	Emily Chang	V5.13(ABEJ.3)b1
2018/03/21	1.10	Emily Chang	V5.13(ABEJ.3)b2
2018/03/30	1.11	Emily Chang	V5.13(ABEJ.3)b3
2018/04/17	1.12	Emily Chang	V5.13(ABEJ.3)b4
2018/04/23	1.13	Emily Chang	V5.13(ABEJ.3)C0
2018/04/30	1.14	Emily Chang	V5.13(ABEJ.4)b1
2018/05/08	1.15	Emily Chang	V5.13(ABEJ.4)b2
2018/05/09	1.16	Emily Chang	V5.13(ABEJ.4)C0

Zyxel VMG8823-BX0B Generic V5.13(ABEJ.4)C0 Release Note

Date: May 09, 2018

Supported Platforms:

Zyxel VMG8823-B10B

Zyxel VMG8823-B30B

Zyxel VMG8823-B50B

Zyxel VMG8823-B60B

Versions:

Bootbase version: V1.58 | 09/08/2017 14:05:19

Firmware version : V5.13(ABEJ.4)C0

Kernel version: 3.4.11

Annex A/B DSL modem code version: A2pvfbH043i1 / B2pvfbH043i1

DSL driver version: d26r

BRCM WLAN code version: 7.14.164.303

3G dongle WWAN package version: 1.16

ConnectCaddy :

app-agent: 2.4

netprobe: 2.4

zy1905: 2.4

SONiQ: v2.1.8

BSA: 1.1.0

Multy Pro system:

- Extender WAP6804: 100(ABKH.2)D0
- Multy Pro APP Android: V1.0.3.180120
- Multy Pro APP iOS: V1.0.3.180122.2

Notes:

Bsa version command : bsa_cli version

Default Settings in Firmware

- Refer to the *.rom in the fw release package.
- Please use the website <http://jsoneditoronline.org/> to open the *.rom.

Public Domain Software Announcements

Open Source Used in product (3rd party software)	Version	From (Source)	Licensing Term	Modified / Used
Bridge-Utills	1.5	http://bridge.sourceforge.net	GPL	Used
BusyBox	1.20.1	http://www.busybox.net/	GPL	Modified
ebtables	2.0.10-4	http://ebtables.sourceforge.net	GPL	Modified
pure-ftpd	1.0.30	http://pureftpd.org	BSD	Modified
iproute2	2-2.6.33	http://repository.timesys.com/buildsources/i/iproute2/	GPL	Modified
iptables	1.4.16.3	http://www.netfilter.org	GPL	Modified
udhcp	0.9.8	http://udhcp.busybox.net/	GPL	Modified
zebra	0.93a	http://www.zebra.org/	GPL	Used
ppp	2.4.3	http://www.roaringpenguin.com/pppoe	GPL/BS D	Modified
dropbear	0.55	http://matt.ucc.asn.au/dropbear/dropbear.html	MIT	Modified
openssl	1.0.1r	http://www.openssl.org	Openssl (BSD-style)	Modified
radvd	1.8	http://www.litech.org/radvd/	BSD	Used
ntfs-3g	2013.1.13	http://ntfs-3g.org	GPL	Used
WIDE-DHCPv6	20080615	http://wide-dhcpv6.sourceforge.net/	BSD	Modified
usb-modeswitch	2.1.0	http://www.draisberghof.de/usb_modeswitch/	GPL	Used
libusb	1.0.9	http://www.libusb.org/	LGPL 2.1	Used
samba	3.0.37	http://www.samba.org/samba/	GPL	Modified
dnsmasq	2.67	http://www.thekelleys.org.uk/dnsmasq/doc.html	GPL	Modified
ez-ipupdate	3.0.11b8	http://ez-ipupdate.com/	GPL	Used
libpcap	1.1.1	www.tcpdump.org	BSD	Used
expat	1.95.8	http://expat.sourceforge.net/	OTHERS	Used

Known issues

Modifications in 5.13(ABEJ.4)C0

Base on V5.13(ABEJ.4)b2 to release V5.13(ABEJ.4)C0

Modifications in 5.13(ABEJ.4)b2

[FEATURE ENHACEMENT]

1. [Multy Pro] security issue: CLI command will show sensitive information.

[Bug Fix]

Modifications in 5.13(ABEJ.4)b1

[FEATURE ENHACEMENT]

2. [Multy Pro] security issue: CLI command will show sensitive information.

[Bug Fix]

Modifications in 5.13(ABEJ.3)C0

Base on V5.13(ABEJ.3)b4 to release V5.13(ABEJ.3)C0

Modifications in 5.13(ABEJ.3)b4

[FEATURE ENHACEMENT]

[Bug Fix]

1. [eITS# 180400337] Wireless STB won't failover to 3415 when turning off 6804 – Zyxel-83

Modifications in 5.13(ABEJ.3)b3

[FEATURE ENHACEMENT]

[Bug Fix]

1. [VoIP] Call History and Call Summary don't display in order with Date.
2. [WAN] Configure PPPoE WAN username/password with blank char and it can't work.
3. [System]Admin account is autogenkey after modify SN (\$182V01002010) and restore default (atcr).

Modifications in 5.13(ABEJ.3)b2

[Bug Fix]

1. [eITS# 170900216]The DNS information are missing when there are multiple WAN interface.
2. [eITS# 171100824] STUNServerAddress is indicated backwards.
3. [eITS# 171000479]DUT should send out PADT when clicking the button of pppoe disconnect
4. [eITS# 180200527]Auto-channel on 5GHz not optimal

[FEATURE ENHACEMENT]

1. VMG8823-BX0B Same channel scan feature implementation.
2. VMG8823-BX0B Multy Pro acR4.8 support.
3. Support Admin and User privilege for proximity sensor settings.

Modifications in 5.13(ABEJ.3)b1

[Bug Fix]

1. [eITS # 170500346] VMG8823-B60B / TMCZ - LLA could not be set to fe80::1
2. [eITS #170900221] Missing DNSv6 when M/O flag is 1/0.
3. [eITS #171000970][System] user backup and upload config several times then login failed.
4. [GUI] Under IE 11 browser, GUI will keep in loading in Remote MGMT page.
5. [GUI] In System Monitor> Log > Security Log, GUI display incorrect message for MAC filter.
6. [GUI] In Network setting > broadband, default gateway state didn't change when PPPoE <--> IPoE.
7. [GUI] Warm message display "ADD RDM_OID_WLAN_SCHEDULER FAIL" when create max wlan scheduler rule.
8. [WAN] In IPv6 only mode, disconnect DHCPv6 server, internet's LED still display green and Status page still show WAN information.
9. [WAN] Internet LED behavior is wrong when setting different mode.
10. [WAN] Change WAN from Static IPv6 DNS+Static IPv6 address to Dynamic IPv6 , WAN information on Status page would be empty.
11. [3G WAN] Plug in the 3G dongle and get IP, but Cellular Status

information still be empty on Status page.

12. [DDNS] Result of DDNS is wrong.
13. [DDNS] Sometimes, Change DDNS provider to dtdns will occur hang on problem.

[FEATURE ENHACEMENT]

1. [eITS #170100670] allow port forwarding rule to be from any WAN
2. [eITS #170200525] Auto-sensing functionality required between PPPoE and IPoE for EtherWAN interface
3. [eITS #170300570] Enhance OPAL Privilege feature
4. [eITS #170600099] Add FTP in the SP Domain management services
5. [eITS #170600405] Unable to create more than 8 Static DHCP rules
6. [eITS #170600405] Support up to 32 static DHCP rules
7. [eITS #170800789] Configurable to show/hide PPP Password unmask option.
8. [TR-069] Support WANPriority parameter
9. Implement dal of SP MGMT Services
10. Support CLI interface
11. Support user defined service provider for DyDNS
12. support WiFi scheduler
13. Web UI speed improvement
14. SNMP disabled by default
15. Remove TKIP by default
16. Enable PPTP/IPSEC/RSTP ALG by default
17. Enhance the Account privileges
18. Enhance the encryption algorithm of password
 - [Security] Protect account password by hash algorithm sha512.
 - Random password for admin
19. Security enhancement
20. Implement One SSID function.
21. Implement MultyPro and App-agent.
22. Support user defined service provider for DyDNS.
23. Security enhancement.

Modifications in 5.13(ABEJ.2)C0

Base on V5.13(ABEJ2)b1 to release V5.13(ABEJ.2)C0

Modifications in 5.13(ABEJ.2)b1

[BUG FIX]

1. [BUGFIX][Security] Dnsmasq multiple vulnerabilities
2. [BUGFIX] [Security] Busybox vulnerabilities.

Modifications in 5.13(ABEJ.1)C1

Base on V5.13(ABEJ.1)C0 to release V5.13(ABEJ.1)C1

[BUG FIX]

1. Update Default Setting Table

Modifications in 5.13(ABEJ.1)C0

Base on V5.13(ABEJ.1)b1 to release V5.13(ABEJ.1)C0

Modifications in 5.13(ABEJ.1)b1

Base on V5.13(ABEJ.0)C0 to release V5.13(ABEJ.1)b1

[FEATURE ENHACEMENT]

1. [eITS #170600053] Able to bruteforce ssh.

[BUG FIX]

1. [eITS #170600109] Strange ip-error.
2. [eITS #170500637] How to make ftpput work.

Modifications in 5.13(ABEJ.0)C0

[FEATURE ENHACEMENT]

[BUG FIX]

Modifications in 5.13(ABEJ.0)b3

[FEATURE ENHACEMENT]

[BUG FIX]

Modifications in 5.13(ABEJ.0)b2

[FEATURE ENHACEMENT]

[BUG FIX]

Modifications in 5.13(ABEJ.0)b1

1. First firmware release

Public Domain Software Announcements

Open Source Used in product (3rd party software)	Version	From (Source)	Licensing Term	Modified / Used
Bridge-Utils	1.0.6	http://bridge.sourceforge.net	GPL	Used
BusyBox	1.20.1	http://www.busybox.net/	GPL	Modified
eatables	2.0.8-2	http://eatables.sourceforge.net	GPL	Modified
pure-ftpd	1.0.30	http://pureftpd.org	BSD	Modified
iproute2	2.6.33	http://repository.timesys.com/buildsources/i/iproute2/	GPL	Modified
iptables	1.4.10	http://www.netfilter.org	GPL	Modified
udhcp	0.9.8	http://udhcp.busybox.net/	GPL	Modified
zebra	0.93a	http://www.zebra.org/	GPL	Used
ppp	2.4.3	http://www.roaringpenguin.com/pppoe	GPL/BSD	Modified
dropbear	2012.55	http://matt.ucc.asn.au/dropbear/dropbear.html	MIT	Modified
openssl	1.0.1r	http://www.openssl.org	Openssl (BSD-style)	Modified
radvd	1.8	http://www.litech.org/radvd/	BSD	Used
ntfs-3g	2013.1.13	http://ntfs-3g.org	GPL	Used
WIDE-DHCPv6	20080615	http://wide-dhcpv6.sourceforge.net/	BSD	Modified
usb-modeswitch	2.1.0	http://www.draisberghof.de/usb_modeswitch/	GPL	Used
libusb	1.0.9	http://www.libusb.org/	LGPL 2.1	Used
samba	3.0.37	http://www.samba.org/samba/	GPL	Modified
dnsmasq	2.67	http://www.thekelleys.org.uk/dnsmasq/doc.html	GPL	Modified
ez-ipupdate	3.0.11b8	http://ez-ipupdate.com/	GPL	Used
libpcap	1.1.1	www.tcpdump.org	BSD	Used

expat	1.95.8	http://expat.sourceforge.net/	OTHERS	Used
tcpdump	4.2.1	http://www.tcpdump.org/	BSD	Used
eventlog	0.2.10	http://git.balabit.hu/?p=bazsi/eventlog-1.0.git;a=summary	BSD	Used
glib	2.37.7	http://www.gtk.org/	GPL	Used
gettext	0.16.1	http://www.gnu.org/software/gettext/	GPL	Used
libiconv	1.11.1	http://www.gnu.org/software/libiconv/	LGPL	Modified
libffi	3.0.11	http://pkgs.fedoraproject.org/repo/pkgs/libffi/libffi-3.0.11.tar.gz/	GPL	Used
libedit	20080712-2.11	http://pkgs.fedoraproject.org/repo/pkgs/libedit/libedit-20080712-2.11.tar.gz/	GPL	Modified
libnfnlink	1.0.0	http://www.netfilter.org/projects/libnetfilter_queue/	GPL	Used
libusb	1.0.9	http://libusb.wiki.sourceforge.net/	LGPL 2.1	Used
libqmi	1.8.0	http://www.freedesktop.org/wiki/Software/libqmi	GPLv3	Used
readline	6.2	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html	GPL	Used
popt	1.7	http://rpm5.org/files/popt/	MIT	Modified
libnetfilter_queue	1.0.0	http://www.netfilter.org/projects/libnetfilter_queue/	GPL	Used
logrotate	3.7.1	https://launchpad.net/ubuntu/hardy/i386/logrotate/	GPL	Modified
ntpclient	2007_365	http://doolittle.icarus.com/ntpclient/	GPLv2	Modified
net-snmp	5.7.2	http://www.net-snmp.org/	GPL/BS D	Modified
syslog-ng	2.0.10	http://www.balabit.com/network-security/syslog-ng/	GPL/LG PL	Used
libtool	2.4	http://www.gnu.org/software/libtool/	GPL	Used
ncurses	5.7	http://ftp.gnu.org/pub/gnu/ncurses/	MIT	Modified
json-c	0.12	https://github.com/json-c/json-c/downloads	MIT	Modified
clinkc	2.4	http://sourceforge.net/projects/clinkc/	BSD	Modified
sqlite	3.6.23.1	http://www.sqlite.org/	Public Domain License	Used

