

VMG8823-Bx0B

Generic

Firmware Release Note

V5.13(ABEJ.2)C0

Date: Dec. 19, 2017
Author: Emily Chang
Reviewer: Wilbur Lu

THIS DOCUMENT CONTAINS PROPRIETARY TECHNICAL INFORMATION THAT IS THE PROPERTY OF THE ZyXEL AND SHOULD NOT BE DISCLOSED TO OTHERS IN WHOLE OR IN PART, REPRODUCED, COPIED, OR USED AS BASIS FOR DESIGN, MANUFACTURING OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION OF ZyXEL.

TABLE OF CONTENTS

SUPPORTED PLATFORMS:	4
VERSIONS:	4
NOTES:	4
DEFAULT SETTINGS IN FIRMWARE	4
KNOWN ISSUES	5
MODIFICATIONS IN 5.13(ABEJ.2)C0	5
MODIFICATIONS IN 5.13(ABEJ.2)B1	5
MODIFICATIONS IN 5.13(ABEJ.1)C1	5
MODIFICATIONS IN 5.13(ABEJ.1)C0	5
MODIFICATIONS IN 5.13(ABEJ.1)B1	5
MODIFICATIONS IN 5.13(ABEJ.0)C0	5
MODIFICATIONS IN 5.13(ABEJ.0)B3	6
MODIFICATIONS IN 5.13(ABEJ.0)B2	6
MODIFICATIONS IN 5.13(ABEJ.0)B1	6

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
2017/12/13	1.7	Emily Chang	V5.13(ABEJ.2)b3
2017/12/19	1.8	Emily Chang	V5.13(ABEJ.2)C0

Zyxel VMG8823-Bx0B Generic V5.13(ABEJ.2)C0 Release Note

Date: Dec 19, 2017

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 : 5.13(ABEJ.2)C0
Kernel version: 3.4.11
DSL modem code version: B2pvfbH043i1
DSL driver version: d26r
BRCM WLAN code version: 7.14.164.303
3G dongle WWAN package version: 1.16
ConnectCaddy :
app-agent: 2.3
netprobe: 2.3
zy1905: 2.3

Notes:

Default Settings in Firmware

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

Known issues

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

Base on V5.13(ABEJ.1)C1 to release V5.13(ABEJ.2)b1

[BUG FIX]

1. [Security] Dnsmasq multiple vulnerabilities
2. [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
libnftnl	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

