

**VMG8623-T50B**  
**EMG5523-T50B**  
**VMG3625-T50B/T50C**  
**EMG3525-T50B/T50C**

Firmware Release Note

V5.50(ABPM.9.4)C0

Date: Dec. 27, 2024  
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Reviewer: Ralph Chien

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TABLE OF CONTENTS

SUPPORTED PLATFORMS: ..... 6

VERSIONS: ..... 6

NOTES: ..... 7

DEFAULT SETTINGS IN FIRMWARE ..... 7

MODIFICATIONS IN V5.50(ABPM.9.4)C0..... 8

MODIFICATIONS IN V5.50(ABPM.9.4)B1..... 8

## Revision History

Date	Release	Author	Description
2019/01/04	1.0	Wilbur Lu	V5.50(ABPM.0)b1
2019/02/18	1.1	Wilbur Lu	V5.50(ABPM.0)b2
2019/02/18	1.2	Wilbur Lu	V5.50(ABPM.0)b2_D0
2019/03/15	1.3	Wilbur Lu	V5.50(ABPM.0)b3
2019/03/26	1.4	Wilbur Lu	V5.50(ABPM.0)b4
2019/04/23	1.5	Wilbur Lu	V5.50(ABPM.0)b5
2019/04/23	1.6	Wilbur Lu	V5.50(ABPM.0)b5_D0
2019/05/23	1.7	Bonnie Zhao	V5.50(ABPM.0)b6
2019/05/28	1.8	Bonnie Zhao	V5.50(ABPM.0)b6_D0
2019/06/03	1.9	Bonnie Zhao	V5.50(ABPM.0)b7
2019/06/04	2.0	Bonnie Zhao	V5.50(ABPM.0)b7_D0
2019/06/13	2.1	Bonnie Zhao	V5.50(ABPM.0)C0
2019/06/14	2.2	Bonnie Zhao	V5.50(ABPM.0)D0
2019/08/06	2.3	Eric Tsai	V5.50(ABPM.2)b1
2019/10/04	2.4	Eric Tsai	V5.50(ABPM.2)b2
2019/11/21	2.5	Eric Tsai	V5.50(ABPM.2)b3
2019/12/20	2.6	Eric Tsai	V5.50(ABPM.2)b4
2020/01/17	2.7	Eric Tsai	V5.50(ABPM.2)b5
2020/02/12	2.8	Eric Tsai	V5.50(ABPM.2)C0
2020/03/20	2.9	Wilbur Lu	V5.50(ABPM.3)b1_F0
2020/04/14	3.0	Wilbur Lu	V5.50(ABPM.3)b2_F0
2020/06/05	3.1	Eric Tsai	V5.50(ABPM.4)b1
2020/08/28	3.2	Eric Tsai	V5.50(ABPM.4)b2
2020/10/08	3.3	Eric Tsai	V5.50(ABPM.4)b3
2020/10/28	3.4	Eric Tsai	V5.50(ABPM.4)b4
2020/12/03	3.5	Ralph Chien	V5.50(ABPM.4)b5
2020/12/16	3.6	Wilbur Lu	V5.50(ABPM.4)C0
2021/01/26	3.7	Ralph Chien	V5.50(ABPM.5)b1
2021/01/26	3.8	Ralph Chien	V5.50(ABPM.5)C0
2021/02/26	3.9	Ralph Chien	V5.50(ABPM.6)b1
2021/04/23	4.0	Ralph Chien	V5.50(ABPM.6)b2
2021/06/11	4.1	Ralph Chien	V5.50(ABPM.6)b3

2021/08/02	4.2	Ralph Chien	V5.50(ABPM.6)b4
2021/08/04	4.3	Ralph Chien	V5.50(ABPM.6)b5
2021/09/17	4.4	Ralph Chien	V5.50(ABPM.6)b6
2021/10/08	4.5	Ralph Chien	V5.50(ABPM.6)b7
2021/11/05	4.6	Ralph Chien	V5.50(ABPM.6)b8
2021/11/19	4.7	Ralph Chien	V5.50(ABPM.6)b9
2021/11/19	4.8	Ralph Chien	V5.50(ABPM.6)C0
2021/10/15	4.9	Luna Huang	V5.50(ABPM.7)b1
2021/12/29	5.0	Luna Huang	V5.50(ABPM.7)b2
2022/03/10	5.1	Luna Huang	V5.50(ABPM.7)b3
2022/04/26	5.2	Luna Huang	V5.50(ABPM.7)b4
2022/06/01	5.3	Luna Huang	V5.50(ABPM.7)b5
2022/06/15	5.4	Luna Huang	V5.50(ABPM.7)C0
2022/06/29	5.5	Luna Huang	V5.50(ABPM.7.1)b1
2022/06/29	5.6	Luna Huang	V5.50(ABPM.7.1)C0
2022/11/23	5.7	Jack Yeh	V5.50(ABPM.7.3)b1
2022/11/23	5.8	Jack Yeh	V5.50(ABPM.7.3)C0
2023/02/17	5.9	Jack Yeh	V5.50(ABPM.7.4)b1
2023/02/17	6.0	Jack Yeh	V5.50(ABPM.7.4)C0
2023/04/28	6.1	Jack Yeh	V5.50(ABPM.8)b2
2023/06/16	6.2	Jack Yeh	V5.50(ABPM.8)b3
2023/07/28	6.3	Jack Yeh	V5.50(ABPM.8)b4
2023/08/18	6.4	Jack Yeh	V5.50(ABPM.8)b5
2023/09/01	6.5	Jack Yeh	V5.50(ABPM.8)C0
2023/09/22	6.6	Jack Yeh	V5.50(ABPM.8.1)b1
2023/09/26	6.7	Jack Yeh	V5.50(ABPM.8.1)C0
2023/12/29	6.8	Jack Yeh	V5.50(ABPM.9)b2
2024/03/05	6.9	Jack Yeh	V5.50(ABPM.9)b3
2024/03/29	7.0	Jack Yeh	V5.50(ABPM.9)b4
2024/04/17	7.1	Jack Yeh	V5.50(ABPM.9)C0
2024/05/20	7.2	Jack Yeh	V5.50(ABPM.9.1)b1
2024/05/24	7.3	Jack Yeh	V5.50(ABPM.9.1)b2
2024/05/27	7.4	Jack Yeh	V5.50(ABPM.9.1)C0
2024/06/28	7.5	Jack Yeh	V5.50(ABPM.9.2)b1

2024/06/28	7.6	Jack Yeh	V5.50(ABPM.9.2)C0
2024/10/09	7.7	Jack Yeh	V5.50(ABPM.9.3)b1
2024/10/09	7.8	Jack Yeh	V5.50(ABPM.9.3)C0
2024/12/27	7.9	Jack Yeh	V5.50(ABPM.9.4)b1
2024/12/27	8.0	Jack Yeh	V5.50(ABPM.9.4)C0

**Zyxel VMG8623-T50B Generic**

**Zyxel EMG5523-T50B Generic**

**Zyxel VMG3625-T50B/T50C Generic**

**Zyxel EMG3525-T50B/T50C Generic**

**V5.50(ABPM.9.4)C0  
Release Note**

Date: Dec. 27, 2024

**Supported Platforms:**

Zyxel VMG8623-T50B

Zyxel EMG5523-T50B (VMG8623-T50B remove VD WAN)

Zyxel VMG3625-T50B/T50C (VMG8623-T50B remove VoIP)

Zyxel EMG3525-T50B/T50C (VMG8623-T50B remove VD WAN)

**Versions:**

Bootbase Version: V1.49 | 04/28/2023 15:07:34

Firmware version : V5.50(ABPM.9.4)C0

Kernel version: 3.18.21

DSL driver version: V5.12.30.0\_240118

2.4G WLAN code version: 5.0.4.0

5G WLAN code version : 5.0.4.0

3G dongle WWAN package version: 1.26

## 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.

## [NOTE]

### 1. OpenSSL 3.1.2 Upgrade Notification

The certificates signed using SHA1 or older/weaker hashes are no longer supported for authenticating servers or clients.

Before upgrading the firmware:

- Please ensure that certificates in your devices are not using weak hashes.
- **If weak hashes are detected, kindly update and verify your certificates promptly with stronger hash**  
(The minimum recommended hash is SHA256)

## Modifications in V5.50(ABPM.9.4)C0

Base on V5.50(ABPM.9.4)b1 to release V5.50(ABPM.9.4)C0

### [FEATURE ENHANCEMENT]

### [BUG FIX]

## Modifications in V5.50(ABPM.9.4)b1

Base on V5.50(ABPM.9.3)C0 to release V5.50(ABPM.9.4)b1

### [FEATURE ENHANCEMENT]

### [BUG FIX]

1. [CVE-2024-12009] [Zyxel-SI-1591] [Vulnerability] Post-authentication command injection vulnerability in the function "ZyEE"
2. [CVE-2024-12010] [Zyxel-SI-1592] [Vulnerability] Post-authentication command injection vulnerability in the email sending function