

# PMG1005-T20B

## Firmware Release Note

V1.00(ABJS.4)C0

Date: Jun 26, 2018

Author: Jessie.Lee

Reviewer: Daniel.Chang

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## TABLE OF CONTENTS

MODIFICATIONS IN V1.00(ABJS.4)C0   06/26/2018 .....	4
MODIFICATIONS IN V1.00(ABJS.4)B1   06/21/2018 .....	4
MODIFICATIONS IN V1.00(ABJS.3)C0   03/13/2018 .....	5
MODIFICATIONS IN V1.00(ABJS.3)B3   03/13/2018 .....	5
MODIFICATIONS IN V1.00(ABJS.3)B2   02/26/2018 .....	5
MODIFICATIONS IN V1.00(ABJS.3)B1   01/12/2018 .....	6
MODIFICATIONS IN V1.00(ABJS.2)C0   08/28/2017 .....	6
MODIFICATIONS IN V1.00(ABJS.2)B1   08/28/2017 .....	6
MODIFICATIONS IN V1.00(ABJS.1)C0   08/08/2017 .....	6
MODIFICATIONS IN V1.00(ABJS.1)B1   08/08/2017 .....	6
MODIFICATIONS IN V1.00(ABJS.0)C0   07/25/2017 .....	7
MODIFICATIONS IN V1.00(ABJS.0)B3   07/25/2017 .....	7
MODIFICATIONS IN V1.00(ABJS.0)B2   06/15/2017 .....	7
MODIFICATIONS IN V1.00(ABJS.0)B1   05/11/2017 .....	7
CLI COMMANDS: .....	8

## Revision History

<b>Date</b>	<b>Release</b>	<b>Author</b>	<b>Description</b>
2018/06/26	V1.00(ABJS .4)C0	Jessie.Lee	Release note for 1005 SFU Model
2018/06/21	V1.00(ABJS .4)b1	Jessie.Lee	Release note for 1005 SFU Model
2018/03/13	V1.00(ABJS .3)C0	Kevin.Lin	Release note for 1005 SFU Model
2018/03/13	V1.00(ABJS .3)b3	Kevin.Lin	Release note for 1005 SFU Model
2018/02/26	V1.00(ABJS .3)b2	Kevin.Lin	Release note for 1005 SFU Model
2018/01/12	V1.00(ABJS .3)b1	Kevin.Lin	Release note for 1005 SFU Model
2017/08/28	V1.00(ABJS .2)C0	Tzuting.Lai	Release note for 1005 SFU Model
2017/08/28	V1.00(ABJS .2)b1	Tzuting.Lai	Release note for 1005 SFU Model
2017/08/08	V1.00(ABJS .1)C0	Frank.Wei	Release note for 1005 SFU Model
2017/08/08	V1.00(ABJS .1)B1	Frank.Wei	Release note for 1005 SFU Model
2017/07/25	V1.00(ABJS .0)c0	Frank.Wei	Release note for 1005 SFU Model
2017/07/25	V1.00(ABJS .0)b3	Frank.Wei	Release note for 1005 SFU Model
2017/06/15	V1.00(ABJS .0)b2	Frank.Wei	Release note for 1005 SFU Model
2017/05/11	V1.00(ABJS .0)b1	Frank.Wei	Release note for 1005 SFU Model



## **ZyXel PMG1005-T20B Generic V1.00(ABJS.4)C0 Release Note**

Date: Jun 26, 2018

### **Supported Platforms:**

MT7520S

Flash/Memory: 8M/64M

### **Versions:**

Bootbase version: 1.1

Firmware version: V1.00(ABJS.4)C0

Kernel version: 2.6.36

### **Modifications in V1.00(ABJS.4)C0 | 06/26/2018**

#### **[New]**

Base on V1.00(ABJS.4)b1 to release V1.00(ABJS.4)C0.

#### **[Change]**

N/A

#### **[Fix]**

N/A

### **Modifications in V1.00(ABJS.4)b1 | 06/21/2018**

#### **[New]**

Base on V1.00(ABJS.3)C0 to release V1.00(ABJS.4)b1.

#### **[Change]**

N/A

#### **[Fix]**

1. [Simat][OMCI] Sent alarm HighTxOpticalPower(ME-263).

## Modifications in V1.00(ABJS.3)C0 | 03/13/2018

### [New]

Base on V1.00(ABJS.3)b3 to release V1.00(ABJS.3)C0.

### [Change]

N/A

### [Fix]

N/A

## Modifications in V1.00(ABJS.3)b3 | 03/13/2018

### [New]

N/A

### [Change]

N/A

### [Fix]

2. [#44946][#45190][PMG1005\_T20B][IGMP]Client can't receive the downstream UDP header multicast traffic.
3. Model name display error.

## Modifications in V1.00(ABJS.3)b2 | 02/26/2018

### [New]

N/A

### [Change]

N/A

### [Fix]

1. [#45529] ONT loopguard enabled and ONT in loop status, make ONT HW reset, remote ont aid onu-reset/reboot in OLT, then ONT would not "IS" on OLT. (Keep OOS-Loss of Signal status).

## **Modifications in V1.00(ABJS.3)b1| 01/12/2018**

### **[New]**

1. PMG1005 supports ZYXEL OLT port-bridge function and it will drop OLT port-bridge loopback packets.
2. PMG1005 supports ACL function and ACL rules are only configured by OLT. PMG1005-T20B generic firmware only support MAC parameter.
3. PMG1005-T20B supports loopguard and storm control.

### **[Change]**

N/A

### **[Fix]**

1. [eITS#171200605] Status uniport OOS-PF PMG 1005-T20B
2. [eITS#171200606] FW name not complete under ont status PMG 1005-T20B

## **Modifications in V1.00(ABJS.2)C0| 08/28/2017**

## **Modifications in V1.00(ABJS.2)b1| 08/28/2017**

- 1.remove acl page and loop guard from GUI

## **Modifications in V1.00(ABJS.1)C0| 08/08/2017**

## **Modifications in V1.00(ABJS.1)B1| 08/08/2017**

- 1.change Firmware version format as V1.00(ABJS.1)xx

**Modifications in V1.00(ABJS.0)c0| 07/25/2017****Modifications in V1.00(ABJS.0)b3| 07/25/2017****Modifications in V1.00(ABJS.0)b2| 06/15/2017****Modifications in V1.00(ABJS.0)b1| 05/11/2017****Known Limitations:**

1. No WAN interface.
2. Not support for IGMP Snoop.
3. SPR170222115: OLT2406 V4.00(AAVA.5)b4PMG1005-T20A: V100AAXC0C0Test steps:1. Use 1:8 splitter connected to pon-3-1 then enable protect switch pon-3-1 and pon-3-2.2. Make sure pon-3-1 ont keep IS and pon-3-2 auto generate ont which works as OOS-SB.3. Unplug fiber cable on pon-3-1 then connected to pon-3-2.4. Pon-3-2 ONT always keep OOS-CD and cannot be recover by reboot ONT.We found the “debug showonu” table is wrong after first time switch over, lack of ont-3-2-2 and ont-3-2-3.If we do 2nd/ 3rd/ 4th switch-over, all works fine.
4. SPR170222116: For PMG1005, Upstream DBA and Downstream SLA (CIR/PIR) will works fail after reboot ONT
5. SPR170222117: For PMG1005, Upstream DBA and Downstream SLA works fail when dsopion set to ont.
6. SPR170222118: The timer of PMG1005 never sync to OLT, so the value of pm-counter is wrong
7. SPR170222119: For PMG1005, 測距敏感度低於其他款 ONT
8. SRP170222120: The pm counter is not correct with PMG1005.
9. SPR170222123: For PMG1005, packets should be dropped when send packets with vid as ”NNI-VID of translation vlan” to ONT.
10. SPR170222124: For PMG1005, bandwidth limit of downstream by ONT works

failed.

11. SPR170420023: The downstream multicast packet does not follow the igmp channel txtag setting of remote uniport.
12. SPR170420042: [DDMI] The DDMI alarm works abnomrally when chage ont-alarm-profile.

## Notes:

## Features list:

## CLI Commands:

1. Modify MAC: `sys mac 00a1b2c3d4e5`
2. Clear Reserve Area: `prolinecmd clear 1`
3. Modify GPON\_SN: `prolinecmd gponasn set FTTH00000011`
4. Modify GPON\_PW: `prolinecmd gponpasswd set mtkg6298`
5. Save as Default: `prolinecmd restore default`



Manufactory Data in V1.00(ABJS.0)xxx

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