EPL-2000

GEPON OLT

(2-PON Interface, 2 x GbE SFP, 1 x MGT Port)

Quick Installation Guide

Table of Contents

1.	Package Contents	. 3
2.	Requirements	. 4
3.	MySQL Server Installation	. 5
4.	PL-EMS Installation	14
5.	Start PL-EMS Management	17
6.	Customer Support	19

1. Package Contents

Thank you for purchasing PLANET GEPON OLT EPL-2000. The term **"GEPON OLT"** refers to the Switch mentioned in this Quick Installation Guide.

The box should contain the following items:

- The GEPON OLT x 1
- The MGB-PX20 SFP Transceiver x 2
- The Quick Installation Guide x 1
- User's Manual CD x 1
- Power Cord x 1
- Two Rack-mounting Brackets with Attachment Screws x 1 (Set)

If any item is found missing or damaged, please contact your local reseller for replacement.

-

2. Requirements

The GEPON OLT provides a GUI utility to manage the system; the following equipment is necessary for further management:

- Subscriber PC is installed with Ethernet NIC (Network Card)
- MySQL Software (Windows Platform) <u>http://dev.mysql.com/</u>
- **EMS** Software (Windows Platform)
- Management Port connection
 - Network cables use standard network (UTP) cables with RJ45 connectors
- PON Port connection
 - Fiber Transceiver Slot with a 1000Base-PX20 SFP PON transceiver
 - Fiber Cable Using single mode of Fiber (SC) cabl

3. MySQL Server Installation

Install the MySQL software with the purpose of saving equipment's alarm message, administrator message, system log, etc.

- 1. Please visit MySQL official website http://dev.mysql.com/ and download MySQL-Essential-5.1.73-win64.msi for the Windows system.
- 2. Once the Setup program starts running, please click **"Next"** button for starting installation.



Figure 3-1 MySQL Installation Screen

3. The Setup Type window appears; the default is "Typical" mode. Please click "Next" button.



Figure 3-2 Setup Type Screen

4. The "Ready for Installation" window appears; please click "Install" button.



Figure 3-3 Begin Installation Wizard Screen

5. When the installation is done, the "MySQL Enterprise" window appears. Please click "Next" button.



Figure 3-4 MySQL Enterprise Screen

6. The "Wizard Completed" window appears, and it will ask for Configure the MySQL server and Register the MySQL Server now. Please click "Finish" button.



Figure 3-5 Wizard Completed Screen

7. The "MySQL Server Instance Configuration Wizard" window appears; please click "Next" button.



Figure 3-6 MySQL Configuration Wizard Screen

8. The "MySQL Server Instance Configuration" window appears; keep the default setting of "Detailed Configuration" and click "Next" button.



Figure 3-7 MySQL Server Instance Configuration (1) Screen

9. Please select a Server type. Keep the default setting of "Developer Machine" and click "Next" button.

MySQL Server Instance Configuration Wizard				
MySQL Server Instance Configuration Configure the MySQL Server 5.1 server instance.				
Please select a server type. This will influence memory, disk and CPU usage.				
C Server Machine Several server applications will be running on this machine. Choose this option for web/application servers. MySQL will have medium memory usage.				
C Dedicated MySQL Server Machine This machine is dedicated to run the MySQL Database Server. No				
other servers, such as a web or mail server, will be run. MySQL will utilize up to all available memory.				
< Back Next > Canc	el			

Figure 3-8 MySQL Server Instance Configuration (2) Screen

10. Please select the database usage. Keep the default setting of "Multifunctional Database" and click "Next" button.



Figure 3-9 MySQL Server Instance Configuration (3) Screen

11. Choose where you want to place the InnoDB Datafile. Here is the remaining default setting. Please click "Next" button.

MySQL Server Instance Configuration Wizard					
MySQL Server Instance Configuration Configure the MySQL Server 5.1 server instance.					
Please select the drive for the InnoDB datafile, if you do not want to use the default settings. InnoDB Tablespace Settings Please choose the drive and directory where the InnoDB tablespace should be placed. Image: [MySQL Datafiles] Drive Info Volume Name: [If System:: NTF5] 21.6 GB Diskspace Use] 173.7 GB Free Diskspace					
< Back Next > Cancel					

Figure 3-10 MySQL Server Instance Configuration (4) Screen

12. Please set the approximate number of concurrent connections. Keep the default setting of "Decision Support (DSS)/OLAP and click "Next" button.



Figure 3-11 MySQL Server Instance Configuration (5) Screen

13. Please set the Network options and Server SQL mode. Keep the default setting and click "Next" button.

MySQL Server Instance Configuration Wizard		
MySQL Server Instance Configuration Configure the MySQL Server 5.1 server instance.		
Please set the networking options. Fanable TCP/IP Networking Enable this to allow TCP/IP connections. When disabled, only local connections through named pipes are allowed. Port Number:		
Please set the server SQL mode. Finable Strict Mode This option forces the server to behave more like a traditional database server. It is recommended to enable this option.		
< Back Next > Cancel		

Figure 3-12 MySQL Server Instance Configuration (6) Screen

14. Please Select the default character set. Keep the default setting of "Standard Character Set" and click "Next" button.



Figure 3-13 MySQL Server Instance Configuration (7) Screen

15. Please set the Windows options. Keep default setting and click "Next" button.

MySQL Server In	istance Configuration Wizard				
MySQL Server : Configure the M	Instance Configuration MySQL Server 5.1 server instance.				
Please set the Windows options.					
Ort	This is the recommended way to run the MySQL server on Windows.				
	Service Name: MySQL Launch the MySQL Server automatically				
🔲 Include Bi	n Directory in Windows PATH				
MySQL-2	Check this option to include the directory containing the server / client executables in the Windows PATH variable so they can be called from the command line.				
	< Back Cancel				

Figure 3-14 MySQL Server Instance Configuration (8) Screen

16. Please set the security options. Type the password "1234" for current root and new root. Click "Next" button.



Figure 3-15 MySQL Server Instance Configuration (9) Screen

17. Please click "Execute" button for starting the configuration.

MySQL Server Instance Configuration Wizard	
MySQL Server Instance Configuration	
Configure the MySQL Server 5.1 server instance.	
Ready to execute	
Weite configuration	
Apply securicy settings	
Please press [Execute] to start the configuration.	
< Back Execute	Cancel

Figure 3-16 MySQL Server Instance Configuration (10) Screen

18. Please give a check to "Configuration file created", "Windows service MySQL installed", "Service started successfully" and "Security settings applied", and then click "Finish" button.



4. PL-EMS Installation

- 1. Insert the bundled CD disk into the CD-ROM drive to launch the autorun program. Once completed, a welcome menu screen will appear. Click the "PL-EMS" hyperlink, the InstallShield Wizard dialog box will appear below.
- 2. Once the Setup program starts running, please click **"Next"** button for starting installation.



Figure 4-1 PL-EMS Setup Wizard Screen

3. During the installation, it will ask for the place to put the PL_EMS folder.



Figure 4-2 PL-EMS Folder Installation Screen

4. Click "Install" for starting installation.



Figure 4-3 PL-EMS Installation Screen

5. Click "Finish" button for completing the EMS Setup.



Figure 4-4 PL-EMS Installation Completing Screen

6. When the PL-EMS installation is done, two icons -- PL Server and PL Client – will appear on the desktop.



5. Start PL-EMS Management



Figure 5-1 IP Management Diagram

The following shows how to start-up the **PL-EMS Management** of the GEPON OLT. Please note the GEPON OLT is configured through an Ethernet connection, making sure the manager PC must be set on the same **IP subnet address.**

For example, the default IP address of the GEPON OLT is **192.168.1.10** (the factory-default IP address), then the manager PC should be set at 192.168.1.x (where x is a number between 1 and 254, except 10), and the default subnet mask is 255.255.255.0.

Login the GEPON OLT

1. Double-click the PL Server icon on the PC desktop. After a couple of seconds, it will appear on the lower-right corner of the system tray.



Figure 5-2 PL Server Icon

 Double-click the PL Client icon on the PC desktop. It will pop-up a window to enter the user name and password. Please enter the default user name "admin" and password "admin". The login screen in Figure 5-3 appears.

	Login	
Client.	User name: admin Password: Advance>> OK Cancel	

Figure 5-3 PL Client Icon and Login Window

3. After entering the user name and password, the PL-EMS utility main screen will appear as in Figure 5-4.



Figure 5-4 Main Screen of EPL-2000 GEPON OLT

6. Customer Support

Thank you for purchasing PLANET products. You can browse our online FAQ resource on the PLANET Website first to check if it could solve your issue. If you need more support information, please contact PLANET switch support team.

PLANET online FAQ :

http://www.planet.com.tw/en/support/faq.php?type=1

Switch support team mail address : support switch@planet.com.tw

Copyright © PLANET Technology Corp. 2014.

Contents are subject to revision without prior notice.

PLANET is a registered trademark of PLANET Technology Corp. All other trademarks belong to their respective owners.