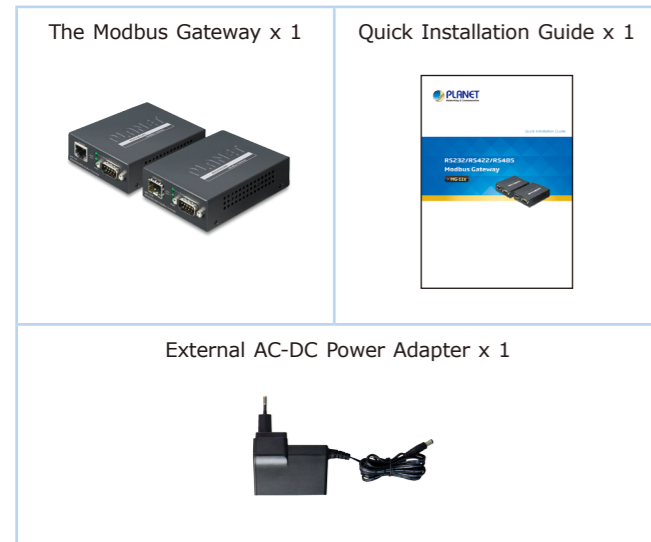


## 1. Package Contents

Thank you for purchasing PLANET MG-110 and MG-115A RS232/422/485 Modbus Gateways. "Modbus Gateway" is used as an alternative name in this Quick Installation Guide.

Open the box of the Modbus Gateway and carefully unpack it. The box should contain the following items:



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

- 1 -

## 3. Hardware Introduction

### 3.1 Front Panels



### 3.2 Serial Port PIN Assignment

Male DB9	Pin	RS232	RS422 RS485-4W	RS485-2W
1	DCD	TxD+	--	--
2	RxD	TxD-	--	--
3	TxD	RxD-	Data-	Data-
4	DTR	RxD+	Data+	Data+
5	GND	GND	GND	GND
6	DSR	--	--	--
7	RTS	--	--	--
8	CTS	--	--	--
9	--	--	--	--

### 3.3 Rear Panels



Figure 3-1: Real Panels of MG-110 and MG-115A.

- 3 -

## 4.2 Logging in to the Modbus Gateway

1. Use Internet Explorer 8.0 or above for Web browser and enter IP address <http://192.168.0.100> (the factory-default IP address) to access the Web interface.
2. When the following dialog box appears, please enter the default user name "admin" and password "admin" (or the password you have changed before) as shown in Figure 4-2.

Default IP Address: **192.168.0.100**  
 Default Account: **admin**  
 Default Password: **admin**

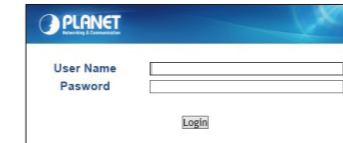


Figure 4-2: Login Screen

3. After entering the password, the main screen appears as shown in Figure 4-3.

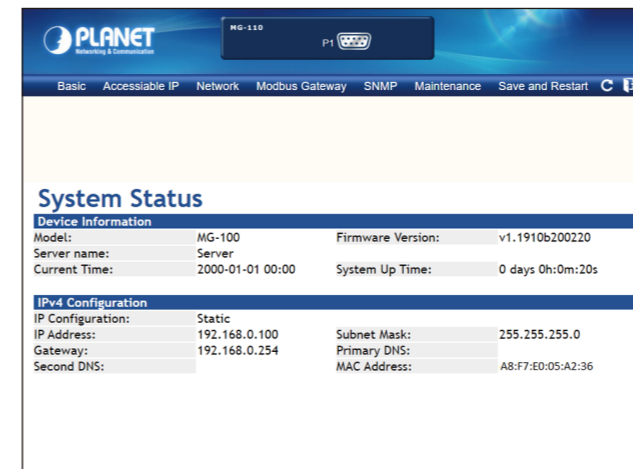


Figure 4-3: Web Main Screen of Modbus Gateway

- 5 -

## 4. Web Login

### 4.1 Starting Web Management

The following shows how to start up the **Web Management** of the Modbus Gateway. Note the Modbus Gateway is configured through an Ethernet connection. Please make sure the manager PC must be set to the same **IP subnet address**.

For example, the default IP address of the Modbus Gateway is **192.168.0.100**, then the manager PC should be set to **192.168.0.x** (where x is a number between 1 and 254, except 100), and the default subnet mask is 255.255.255.0.

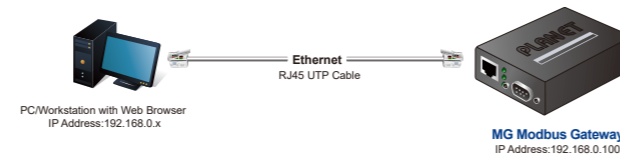


Figure 4-1: IP Management Diagram

- 4 -

4. The Menu in the middle of the Web page lets you access all the functions and statuses the Modbus Gateway provide.



Now, you can use the Web management interface to continue the Serial Server management. Please refer to the user manual for more.

Note

1. For security reason, **please change and memorize the new password after this first setup.**
2. Only accept command in lowercase letter under web interface.

- 7 -

## 2. Requirements

The Modbus Gateway provides remote login interface for management purposes. The following equipment is necessary for further management:

- **Workstations** running Windows XP/2003/Vista/7/8/2008/10, MAC OS X or later, Linux, UNIX, or other platforms are compatible with TCP/IP Protocols.
- Ethernet Port Connection
  - Workstations are installed with Ethernet NIC (Network Interface Card)
  - Network cables
    - For MG-110: Use standard network (UTP) cables with RJ45 connectors.
    - For MG-115A: Use Multi-mode or Single-mode fiber patch cord with LC connector and 100BASE-FX SFP transceiver.
  - The above PC is installed with Web browser

Note

It is recommended to use Internet Explorer 8.0 or above to access the Modbus Gateway.

Note

If the Web interface of the Modbus Gateway is not accessible, please turn off the anti-virus software or firewall and then try it again.

- 2 -

## 5. Remote Telnet Login

### 5.1 Logging in to the Remote Command Line Interface

The Modbus Gateway also supports Telnet for remote management. You can use Telnet to open a terminal session over one of the Ethernet ports. The Serial Server asks for user name and password for remote login when using Telnet; please use the following default IP address, username and password for the first-time login.

Default IP Address: **192.168.0.100**  
 Default Username: **admin**  
 Default Password: **admin**

- 6 -

- 8 -

