1. Package Contents

Thank you for purchasing PLANET Industrial RS232/422/485 Modbus Gateways. The table below shows the models with the number of serial ports:

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Serial Port</th>
<th>Ethernet Port</th>
<th>Power Input</th>
<th>DL/DD</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMG-2100T</td>
<td>1 x RJ9</td>
<td>1 x 100FX T345</td>
<td>DC 9-48V or AC 24V</td>
<td>-</td>
</tr>
<tr>
<td>IMG-2105AT</td>
<td>1 x RJ9</td>
<td>1 x 100FX SFP</td>
<td>DC 12-48V</td>
<td>-</td>
</tr>
<tr>
<td>IMG-2200T</td>
<td>2 x RJ9</td>
<td>2 x 100 FX T345</td>
<td>DC 9-48V or AC 24V</td>
<td>-</td>
</tr>
<tr>
<td>IMG-2400T</td>
<td>4 x RJ9</td>
<td>4 x 100 FX T345</td>
<td>DC 12-48V</td>
<td>-</td>
</tr>
</tbody>
</table>

"Industrial Modbus Gateway" is used as an alternative name in this Quick Installation Guide. The box should contain the following items:

- Quick Installation Guide x 1
- Wall Mounting Kit x 1
- DIN-rail Bracket w/Screws x 1
- Dust Cap (RJ45/SFP)

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

1. Insert positive/negative DC power wires into Power 1 or Power 2. If any item is found missing or damaged, please contact your local retailer for replacement.

2. Requirements

The Industrial 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, UNIX, LINUX, or other platforms are compatible with TCP/IP Protocols.
- Ethernet Port Connection
  - Workstations are installed with Ethernet NIC (Network Interface Card).
  - Network cables
    - Use standard network (UTP) cables with RJ45
    - Use Multi-mode or Single-mode fiber patch cord with LC connector and 100BASE-FX SFP transceiver (IMG-2105AT only).
  - The above PC is installed with Web browser

3. Hardware Introduction

3.1 Front Panels

The Industrial Modbus Gateway indicates a DC input power socket and consists of one terminal block connector within 6 contacts. Please follow the steps below to insert the power wire.

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.

4. Web Login

4.1 Starting Web Management

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

For example, the default IP address of the Industrial Modbus Gateway is 192.168.0.100 then the manager PC should be set to 192.168.x.x (where x is a number between 1 and 254, except 100), and the default subnet mask is 255.255.255.0.

5. System Status

The System Status interface is the main page of the Web Management interface. You can access all the functions and statuses the Industrial Modbus Gateway provides.

6. Network Configuration

For example, the default IP address of the Industrial Modbus Gateway is 192.168.0.100 then the manager PC should be set to 192.168.x.x (where x is a number between 1 and 254, except 100), and the default subnet mask is 255.255.255.0.
5. Remote Telnet Login

5.1 Logging in to the Remote Command Line Interface

The Industrial Modbus Gateway also supports Telnet for remote management. You can use Telnet to open a terminal session over one of the Ethernet ports. The Modbus Gateway 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.

<table>
<thead>
<tr>
<th>Default IP Address: 192.168.0.100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default Username: admin</td>
</tr>
<tr>
<td>Default Password: admin</td>
</tr>
</tbody>
</table>

You will be presented with a text menu displaying the Industrial Modbus Gateway's general settings, which you will be able to view and modify. Please refer to User Manual for a description of the available settings.

6. Getting Started with MB VCOM Utility

With MB VCOM Utility, you can easily search one or multiple IMG device servers over the network from a remote location.

6.1 Installation of MB VCOM Utility

The MB VCOM Utility can be downloaded from PLANET Web site. Please locate and run the setup program "mbgsetup.exe" and follow the on-screen instructions.

6.2 Searching Modbus Gateway

First click "Add Device" and then click "Search" if Modbus Gateway has access to network, as shown below.

7. Recovering Back to Default Configuration

- IP Address has been changed or admin password has been forgotten -

To reset the IP address to the default IP address "192.168.0.100" or reset the login username and password to default value, press the hardware-based reset button on the bottom panel for about 5 seconds. After the device is rebooted, you can log in the management Web interface within the same subnet of 192.168.0.xx and default password. Be noted that all the previous setups will be disappeared after the factory default reset is made.

8. Customer Support

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

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

(Please select your Industrial Modbus Gateway model from the Product Model drop-down menu)