



Atop Technologies, Inc.

Wireless Client Adaptor EW5300 Quick Start Guide



Version 1.1
Updated on Sept. 14, 2010

Overview

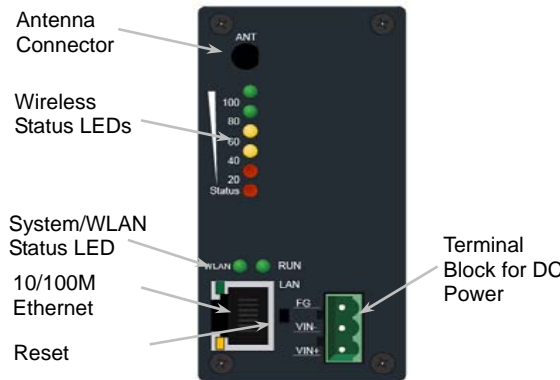
The EW5300 have one Ethernet port to connect to IEEE 802.11 b/g wireless network. It is ideal to create a “bridge” for an Ethernet device that has an Ethernet interface to a wireless network. By using EW5300, these devices can be communicated over a wireless network to send or receive the information from, e.g., a backend server or database. This document intends to provide customers with brief descriptions about the product and to assist customers to get started. For detailed information and operations of the product, please refer to the product user’s manual in the Product CD.

Packaging Included

- Atop EW5300 Wireless Client Adaptor
- 3-Pin Terminal Block for Power Connector (TB model only)
- 4 dBi Antenna
- Atop EW5300 Quick Start Guide with Product Warranty Card
- Product CD (User’s Manual and Utility Software)
- Wall mount kits x 2 (optional)

Hardware Setup

The following figure shows the components on the panel of EW5300.



***Reset Button:** Press Reset button continuously over 3 sec to reload the device to the factory default settings.

LED Indications

The LEDs indicate the status of **EW5300**. Please see the front panel

Name	Color	Status	Description
Signal Strength	Red*2	ON	Its strength is poor, but the link is connected for the wireless link
	Yellow*2	ON	Its strength is good, the wireless link can supply a good transfer channel
	Green*2	ON	Its strength is very excellent and the link is connected on best status

WLAN	Green	Off	Wireless Link is Broken or No data transmit or receive via wireless connectivity
		Blink	Wireless Traffic be indicted for data transfer
RUN	Green	OFF/ON	System is not ready or halt
		Blink	System is running and LED is blink per 0.5 sec

Hardware Installation

Step 1: Connect the device with the antenna and to a LAN switch with a standard UTP/STP cable.

Step 2: Attach the power wire to the device for 9~48V DC, and confirm the power polarity carefully. Please check the Terminal Block diagram for power supply to connect the device to a power supply.

Step 3: Wait for the device to start up after 60 seconds, and see the next section for network configuration

UL Notice for Power supplier

EW5300 series products are intended to be supplied by a Listed Power Unit marked with “LPS”, “Limited Power Source” or “Class 2” and output rate 9~48VDC, 1A minimum. Otherwise, use the recommended power supply in “Optional Accessories.”

Network Configuration

There are two steps to configure the device. First, you need to find the device in your network using our software tool, Deviceview. Once the device is properly configured with a new IP address; you can further configure the device’s wireless network interface using a web browser or a telnet terminal.

Configure using Deviceview software

Use *Deviceview* that comes with Product CD to configure the network parameters of EW5300. Please refer to **Appendix A Deviceview Configuration Utility** in the product user’s manual for more details.

Step 1: Scan a new device by clicking the scan button

Step 2: Get the device's current IP address from table list after scanning, and login using the default **username: admin** and **default password: (leave it blank)**

Step 3: Re-assign an IP address, network mask and gateway if needed.

Step 4: Then, you can configure a wireless network interface using a web browser or a telnet terminal.

Warning: Please avoid connecting LAN and WAN interface to the same network. This may incur unexpected networking problem.

Automatic IP Address using DHCP

To avoid any IP address conflict, an automatic IP address assignment should be used. A DHCP server can automatically assign an IP address, subnet mask, and gateway address to EW5300 device. This function is disabled by default. Please see the user's manual for more details.

Configure using Web Browser

Step 1: Open a web browser and type in the IP address of the device in URL field. A dialog is prompt for a username and a password. The default username is **admin** and the password is **null (leave it blank)**.

Step 2: Configure network settings from web page links then click "**Save Configuration**" to save settings.

Step 3: Click on "**Restart**" button to make the change effective

Configure using Telnet terminal program

Step 1: Telnet to the device using command shell of Windows (Start→Run) or any other terminal program that supports Telnet. Then, type in "**telnet 10.0.50.100**". The 10.0.50.100 is the default IP address of the device. You will need to change it to a new IP address if you have assigned a new IP address to the device. Then, type in and default password is **null (leave it blank)**.

Step 2: Configure the wireless network interface by selecting the items on the main menu on the left side of the device's web page.

Warranty Policy

Warranty Conditions

Products supplied by Atop Technologies are covered in this warranty for sub-standard performance or defective workmanship. The warranty is not, however, extended to goods damaged in the following circumstances:

- Excessive forces or impacts
- War or an Act of God: wind storm, fire, flood, electric shock, earthquake
- Use of unqualified power supply, connectors, or maintenance procedure
- Replacement with unauthorized parts

RMA and Shipping Costs Reimbursement

Customers shall always obtain an authorized "RMA" number from Atop before shipping the goods to be repaired to Atop. When in normal use, a sold product shall be replaced with a new one within 3 months after purchase. The shipping cost from the customer to Atop will be reimbursed by Atop.

After 3 months and still within the warranty period, it is up to Atop whether to replace the unit with a new one; normally, as long as a product is under warranty, all parts and labor are free of charge to the customers.

After the warranty period, the customer shall cover the cost for parts and labor. Three months after purchase, the shipping cost from the customer to Atop will not be reimbursed, but the shipping cost from Atop to the customer will be paid by Atop.

Limited Liability

Atop shall not be held responsible for any consequential losses from using Atop's product.

Warranty Period

Product Categories	Warranty
Serial-to-Ethernet Server	5 Years
Serial-to-WLAN Server	
Industrial Wireless Ethernet Device	
Modbus Gateway Series	
Industrial Ethernet Switch	
Embedded Serial Server	1 Year
Pick-to-Light System	
Auto-Identification and Data Collection-AIDC	

***Notes: Warranty coverage for Accessories such as power adaptors and high-gain antenna is one year.**

The Warranty Certification will not be effective until an authorized stamp issued by Atop's overseas agents.

Purchase Date: / / (yyyy/mm/dd)

Serial Number:

※ATOP Customer Services and Supports

- Please contact your local dealers or Atop technical support center at the following numbers.
 - +886-3-550-8137 (Atop Taiwan)
 - +86-21-6495-6232 (Atop China)
- Please report the defected problems via Atop's Web site or E-mail account

Web Site: www.atop.com.tw e-mail: service@atop.com.tw

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