WOODWARD

AtlasPC™
Application Note

WOODWARD

Fixed IP Address

Application Note 51193 (Revision C)

How to Contact Woodward
In North America use the following address when shipping or corresponding:
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FAX: +1 (970) 498-3058

For assistance outside North America, call one of the following international Woodward facilities to obtain the address and phone number of the facility nearest your location where you will be able to get information and service.

Facility	Phone Number
Australia	+61 (2) 9758 2322
Brazil	+55 (19) 3708 4800
India	+91 (129) 523 0419
Japan	+81 (476) 93-4661
The Netherlands	+31 (23) 5661111

AtlasPC™ Application Note
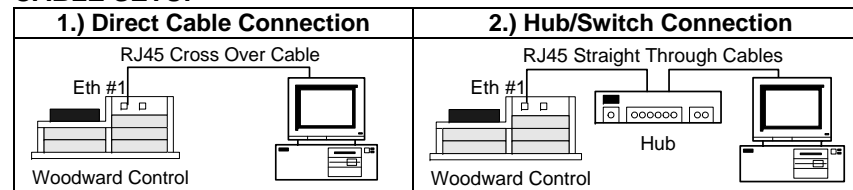
Fixed IP Address

IMPORTANT
This AtlasPC control has been factory configured with fixed Ethernet IP addresses of:
1. Ethernet #1 = 172.16.100.21, Subnet Mask = 255.255.0.0
2. Ethernet #2 = 192.168.10.20, Subnet Mask = 255.255.0.0

CONFIGURATION SOFTWARE:
To "Auto-Discover" and configure network IP Address settings, please download the Woodward *AppManager* utility from **www.woodward.com/software**.

CABLE SETUP

1.) Direct Cable Connection	2.) Hub/Switch Connection
RJ45 Cross Over Cable	RJ45 Straight Through Cables
Eth #1	Eth #1
	Hub
Woodward Control	Woodward Control

EXAMPLE IP DISCOVERY and CONFIGURATION

*As an example, **change the Atlas IP1 Address from the factory default of IP1=172.16.100.21 to 154.200.60.34.** Assume your laptop IP address is 154.200.60.33 with a subnet mask of 255.255.0.0. **Note—*Each Ethernet port must have a valid and unique IP address!* Refer to the Software Tools Manual 26199 or 26103 for more configuration details.

1. Connect Atlas Ethernet #1 to a PC running *AppManager* as shown above. *Please note that AppManager will not work with port #2. An isolated network is preferred for the initial configuration.*

2. Use the DOS command IPCONFIG to discover your own IP Address and SubNet Mask (**Laptop IP=154.200.60.33** and **subnet=255.255.0.0).** Next, configure the AtlasPC to be on the same domain as your laptop (154.200.x.x).

3. **Change IP1 using AppManager**. AppManager only displays the current IP1 address for Ethernet #1**.** The IP2 address of Ethernet #2 is not shown.

   a. **DO NOT highlight the ControlName**. Instead, select menu CONTROL - CHANGE NETWORK SETTINGS. Answer OK to the warning, then enter the current IP1 address **(IP1=172.16.100.21)** into the dialog box.

   b. **Select "Specify a new IP Address".** Next enter your new IP Address of **154.200.60.34** and use the same Subnet Mask of your PC **255.255.0.0**. *Select OK. The control will reboot* and briefly disappear from AppManager.

4. **Verify IP1 and discover IP2 with AppManager.** Verify that all IP addresses are set as desired by highlighting the ControlName, then selecting menu CONTROL-CONTROL INFORMATION. Look for the Ethernet adapter addresses under the Footprint Description and write them down.

   Note—To highlight the control from AppManager, the domain and subnet numbers of your laptop IP address must match the Atlas Control.

5. **Verify IP1 communication by pinging (ping 154.200.60.34)**. The DOS PING command shows that Ethernet #1 is responding. *To PING Ethernet #2, your laptop IP Address and subnet must be re-configured to that domain.*

Changing Ethernet #2 IP Address

To change the Ethernet #2 IP Address (discovered in step 4), use the same process shown in step 3. Note that *the ControlName must **not** be highlighted*—only a connection to Ethernet #1 is needed, and the IP2 Address will **not** be displayed.