
Status → Firmware Upgrade

This page allows you to update the firmware (software) in the AP. New firmware are issued to improve the performance and add features to the product.

The new firmware will be name “aping1”.

1. Save the file in your PC.



The screenshot shows a web interface titled "Firmware Upgrade". At the top right is a "Reboot AP" button. Below it is a red warning message: "Attention: (Improper actions will damage the system)". This is followed by a bulleted list of instructions: "Please upload the correct firmware", "Please DO NOT power off or disconnect during uploading", "Please DO NOT close the browser during uploading", "Please DO NOT navigate to a different location", and "Uploading may take over 30 seconds depending on the bandwidth". Below the list is a text input field with the label "Enter the file name you want to upload:" and a "Browse..." button. At the bottom left is an "Upload" button.

2. Browse to the file with the name “aping1”.
3. Click on **Upload**.
4. **Reboot** the AP and the process is complete.
5. After reboot perform a default factory setting.



Do not change the filename of the new firmware. New firmware with filename other than “aping1” will cause the process to fail.

Status → Firmware Version

This page presents information of the firmware version of the AP.

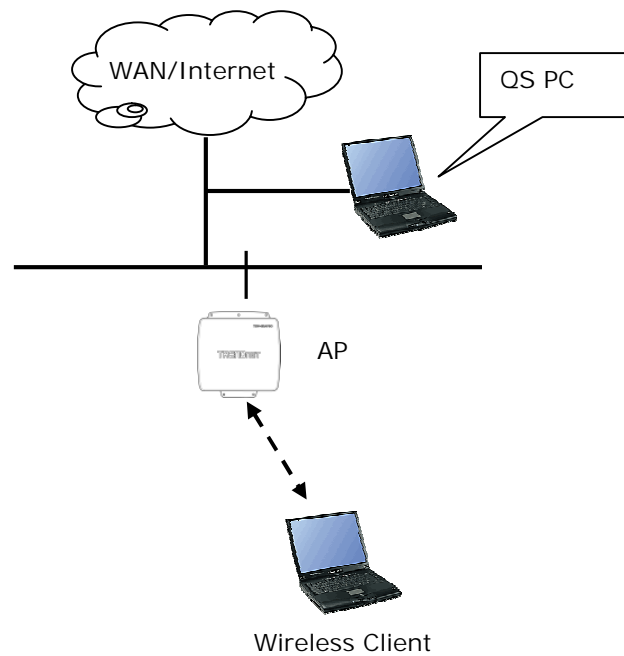


The screenshot shows a web interface titled "Firmware Version". At the top right is a "Reboot AP" button. Below it is a section titled "Access Point Web Server" containing the following text: "TRENDNET AP software M1062A-C14-H00-V1.8.9B1P1", "BSP 3.1.1.54", and "Built on Sep 21 2007, 10:47:43".

7 OUTDOOR AP UTILITY INSTALLATION

Introduction

The Outdoor AP utility is an easy-to-use software that allows an Administrator to quickly configure the AP at first boot-up. The QS Utility only communicates with authorized Access Points and Bridge. The Utility allows the devices to be monitored and configured even if they all have the same default IP Address at first boot-up after installation.



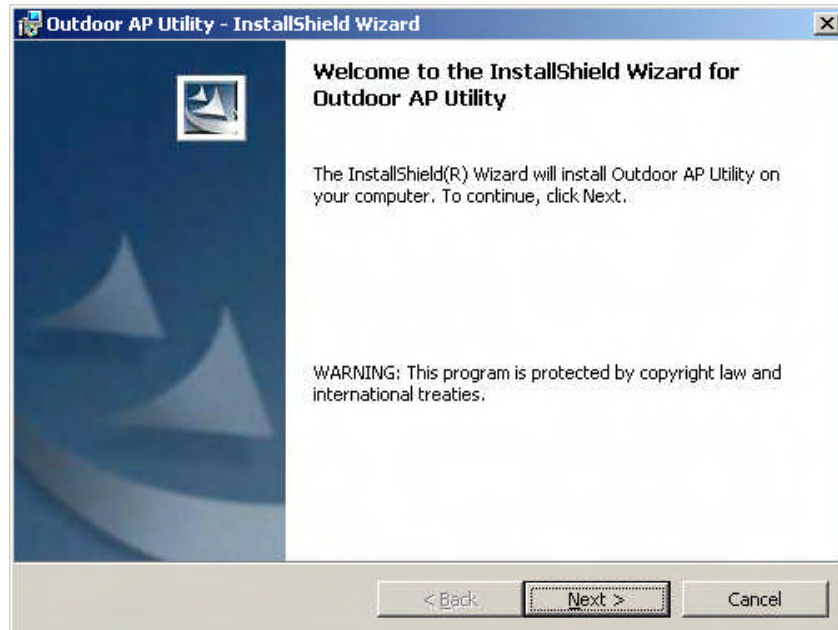
PC Requirement

- X86 based CPU, 600Mhz & above
- 128 MB RAM
- 1.5 MB hard disk space
- Ethernet port / Wireless LAN adapter
- Windows 2000 and above

Installation

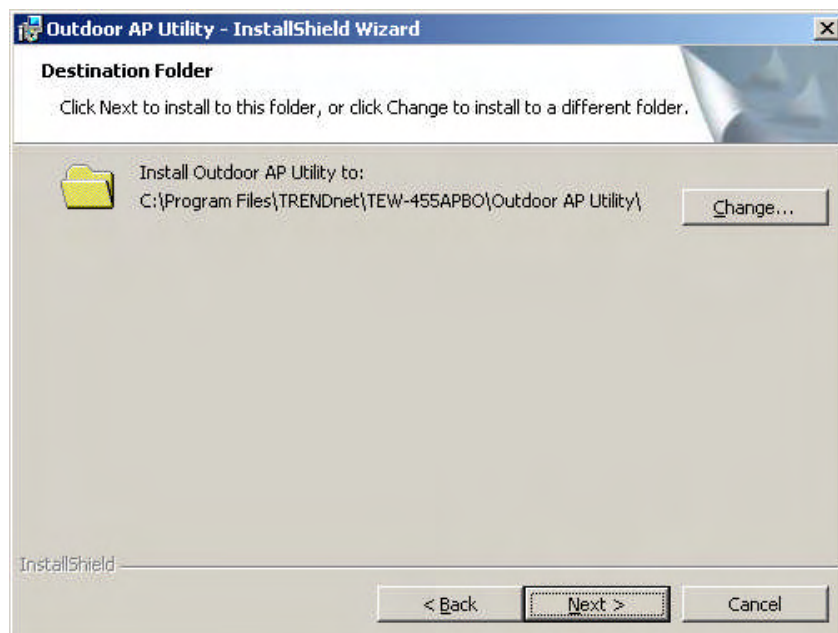
Step one

Double click on the file *setup.exe* and click **Next** to continue.

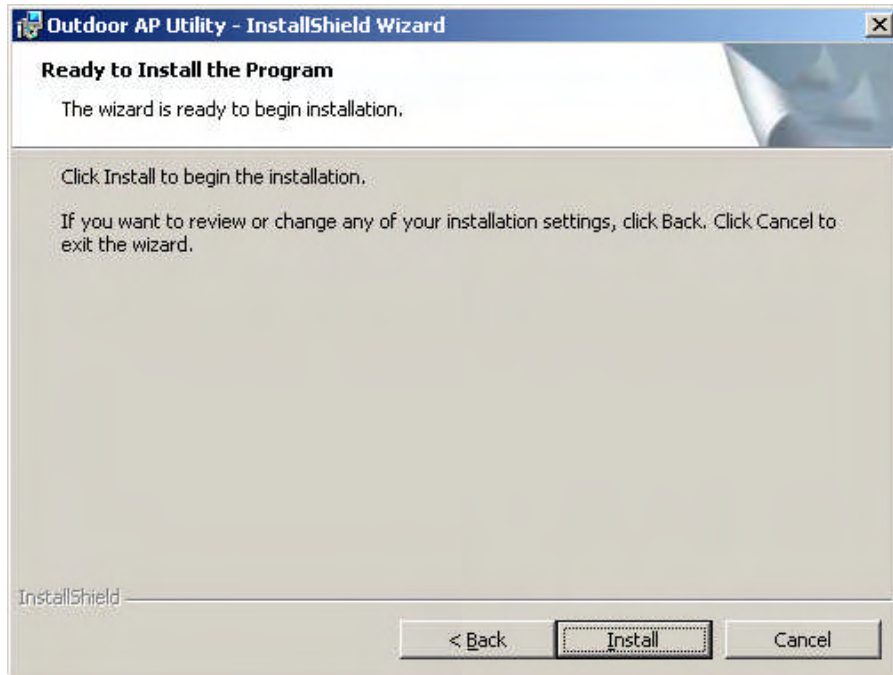


Step two

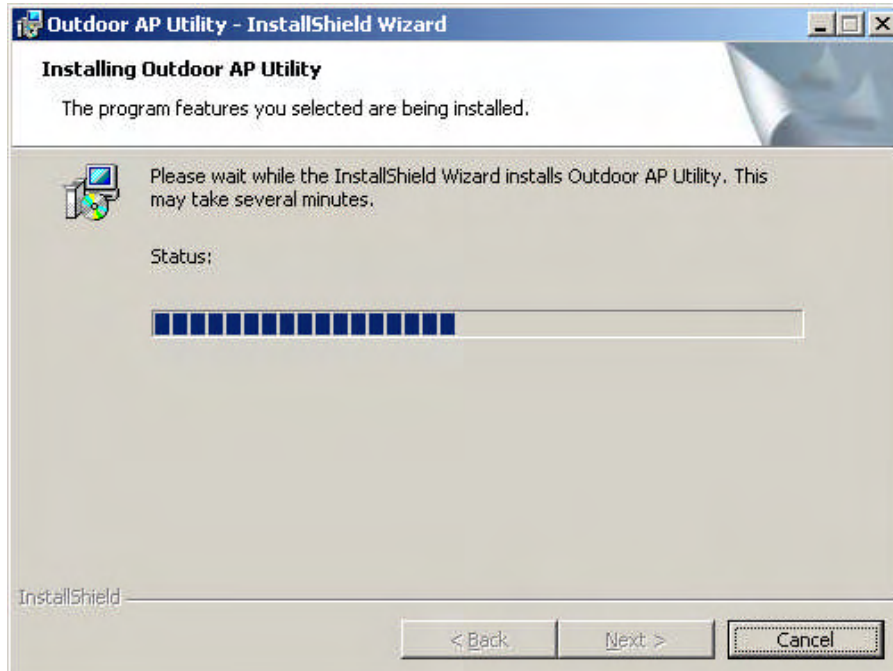
Click **Next** to accept the default installation directory. If you wish to change the installation directory, click on the **Change** button to select a new directory.



Step three

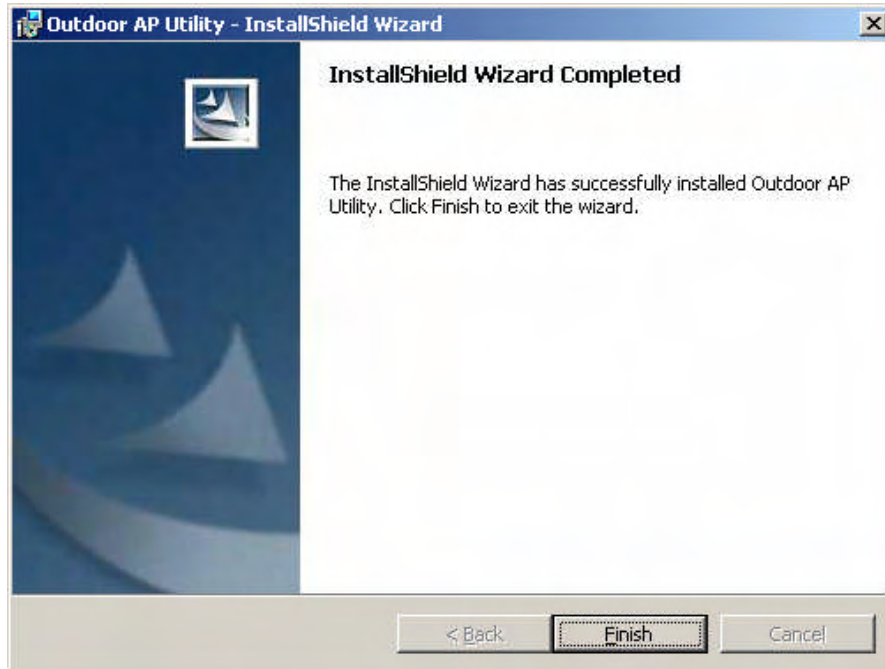


Click **Install** to do the actual installation



Step four

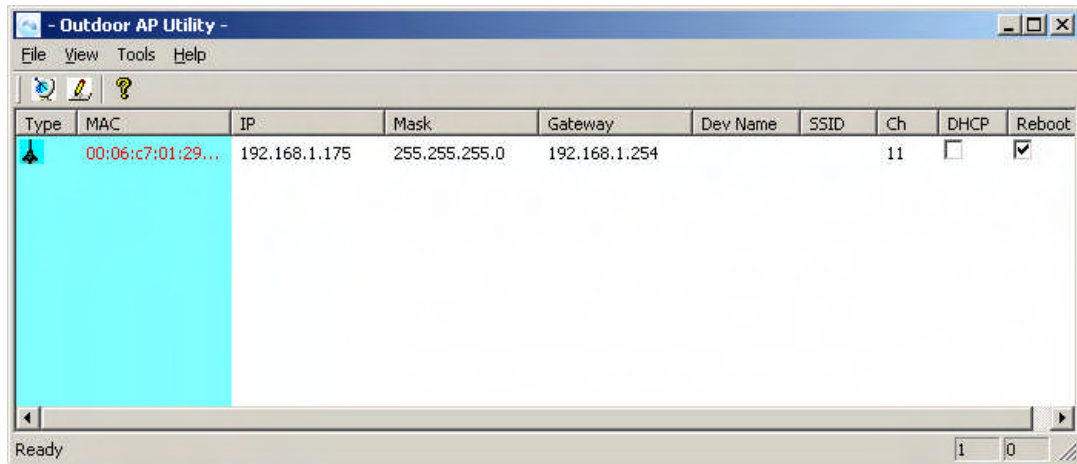
Click **Finish** to exit the installation wizard.



8 OUTDOOR AP UTILITY USER GUIDE

Outdoor AP Utility Icon

Click on the desktop icon **Outdoor AP Utility** to start the application.



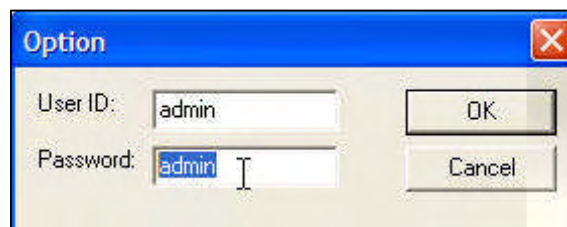
Parameters Display in Utility

The Utility displays the following parameters that can be changed.

1. IP Address
2. Subnet Mask
3. Gateway
4. Device Name
5. Channel
6. DHCP/Static IP

Username and Password of Utility

If the username/password of the Devices have been changed, the QS Utility has to be updated with the correct username and password. If the username/password of the QS Utility and the Device is different, QS Utility will not operate as desired.




Making Changes

The changes are directly applied in the Utility.

IP	Mask	Gateway
10.0.0.160	255.255.255.0	10.0.0

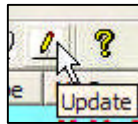
Dev Name	Ch	DHCP
	8	<input type="checkbox"/>
	7	<input type="checkbox"/>
	8	<input type="checkbox"/>
	9	<input type="checkbox"/>
	10	<input type="checkbox"/>
	11	<input type="checkbox"/>

It does not matter if all the devices have the same IP Address. The QS Utility identifies them uniquely by their MAC Addresses.

Type	MAC
	00:06:c7:14:08:73

Updating Changes

After the necessary changes have been made, the Administrator can apply the changes to the AP. Check on the **Reboot** Checkbox and click on the **Update** button to reboot the device.



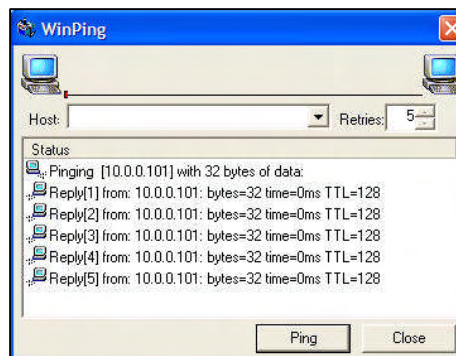
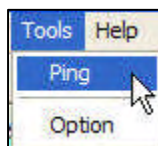
Multiple devices can be updated all at once. Use ctrl-left click to select multiple entries or type ctrl-A to select all entries. Click on Update button to begin the update process.



To refresh the view, use the **Find** button.

Pinging the Device

The QS Utility can also be used to ping a selected Device to check the connectivity.



Professional installation instruction

1. Installation personal

This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

2. Installation location

The product shall be installed at a location where the radiating antenna can be kept 20 cm from nearby person in normal operation condition to meet regulatory RF exposure requirement.

4. Installation procedure

Please refer to user's manual for the detail.

3. External antenna,

Use only the antennas which have been approved by **TRENDware International, Inc.**. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of FCC limit and is prohibited.

5. Warning

Please carefully select the installation position and make sure that the final output power does not exceed the limit set force in US Rule CFR 47 part 15 section 15.247 . The violation of the rule could lead to serious federal penalt.

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TEW-455APBO	3 years
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If a product does not operate as warranted above during the applicable warranty period, TRENDnet shall, at its option and expense, repair the defective product or deliver to customer an equivalent product to replace the defective item. All products that are replaced will become the property of TRENDnet. Replacement products may be new or reconditioned.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product through any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet office within the applicable warranty period for a Return Material Authorization (RMA) number, accompanied by a copy of the dated proof of the purchase. Products returned to TRENDnet must be pre-authorized by TRENDnet with RMA number marked on the outside of the package, and sent prepaid, insured and packaged appropriately for safe shipment.

WARRANTIES EXCLUSIVE: IF THE TRENDNET PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, THE CUSTOMER'S SOLE REMEDY SHALL BE, AT TRENDNET'S OPTION, REPAIR OR REPLACEMENT. THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TRENDNET NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE OR USE OF TRENDNET'S PRODUCTS.

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LIMITATION OF LIABILITY: TO THE FULL EXTENT ALLOWED BY LAW TRENDNET ALSO EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT TRENDNET'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

Governing Law: This Limited Warranty shall be governed by the laws of the state of California.

Note: AC/DC Power Adapter, Cooling Fan, Cables and Power Supply carry 1-Year Warranty



TRENDnet[®]

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Product Warranty Registration

Please take a moment to register your product online.

Go to TRENDnet's website at <http://www.trendnet.com/register>

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