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You can read the recommendations in the user guide, the technical guide or the installation guide for TRENDNET TEW-455APBO. You'll find the answers to all your questions on the TRENDNET TEW-455APBO in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual TRENDNET TEW-455APBO
User guide TRENDNET TEW-455APBO
Operating instructions TRENDNET TEW-455APBO
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Manual abstract:

01 Table of Contents English 1. Before You Start 2. Hardware Installation 3. Configure the Access Point 4. Configure for WDS Mode 5. Mounting 6. Connecting TRENDnet External Antenna Troubleshooting 1 1 2 6 10 14 16 17 Version 11.19.2009 1. Before You Start Package Contents ? TEW-455APB ? CD-ROM (User's Guide) ? Multi-Language Quick Installation Guide ? & Power Cord PoE Injector ? Kit* Waterproof ? wire Grounding System Requirements Web Browser: Internet Explorer (6.0 or above) ? ? with a network adapter properly installed. A computer ? A network Switch or Router with an available network LAN port. ? 2 x RJ-45 network cable. ? Phillips screwdriver ? External Antenna with N-type Female connector (Optional) ? (Optional) TEW-ASALI Note: The TEW-455APBO does not support IEEE 802.3af.

You must use the special Power over Ethernet injector that is supplied with the TEW-455APBO. *Check package contents for waterproof kit: (Ethernet Cable is not included) 1 2. Hardware Installation Connecting the Grounding Wire 1. Remove the screw and washer from the grounding hole using a screwdriver. 2. Align one end of the grounding wire over the hole. Then connect the screw and washer back in. 3. Connect the green grounding wire to a grounding object. e.g. Earth Driven rod, Grounded Electrical System, Building Frame. Connecting the Ethernet Cable 1. Unscrew the sealing nut from the main body. 2. Separate the rubber seal from the claw. 3. Verify that you have the following parts: Cable Gland, Seal, Claw, Sealing Nut. 2 4. Insert one end of an Ethernet cable into the sealing nut. 5. Insert the Ethernet cable into the seal. 6. Insert the seal into the claw. 7. Insert the seal/rubber claw into the Cable Gland. 8. Connect the Ethernet Cable to the PoE port on the rear of the TEW-455APBO. 3 9. @@@@Connect one end of another Ethernet cable to the DATA IN port on the Power over Ethernet Injector. 4 4. Connect the opposite end of the Ethernet cable to a LAN port on your network. 5. Connect the power cord into the Power over Ethernet Injector. Then connect the power cord into a power outlet. 6. Verify that the following panel lights are on: LAN, WLAN and PWR. 5 3. Configure the Access Point Note: 1. It is recommended that you configure the Access Point from a wired computer. Before the Access Point can be configured, a Static IP address must be assigned to your computer's network adapter in the subnet of 192.168.10.x. Since the Access Point's default IP address is 192.168.10.100, make sure no other network devices are assigned an IP address of 192.168.10.100. (Refer to Troubleshooting section on how to configure TCP/IP settings on your PC.) 2. Disable any anti-virus and firewall programs before configuring the access point. 1. Open your web browser, type the IP address of Access Point in the Address bar, and then press Enter. The default IP address is 192.168.10.100. 2. Enter the User name and Password, and then click OK. By default: User Name: root Password: root 3. Click System -> LAN. 6 4. Configure the LAN settings to match your network settings and then click Save. 5. Click Wireless -> Virtual AP Setup. 6. Select Edit for the desired VAP. 7 Note: 1. To protect your network from any unauthorized access it is recommended to enable wireless encryption. 2. The examples below are for WPA2-PSK. If you select WPA-PSK or WPA2-PSK, make sure your wireless adapters support WPA or WPA2.

If your wireless adapters do not support WPA or WPA2, then select WEP. 7. Enter the desired ESSID and click Enable for Enable VAP. 8. Select the desired Security Type. 9. Select the Cipher Suite (Type). For WPA2PSK, select AES. 10. Enter a Pre-shared Key and then click Save. For WPA-PSK or WPA2-PSK, the PreShared Key must be between 8 and 63 ASCII or 64 HEX characters. Make sure to copy down the encryption key. 11. Click Reboot. 8 12. Click Reboot. 13. Wait 80 seconds while the Access Point reboots. Your installation is complete For detailed information regarding the TEW-455APBO configuration and advanced settings, please refer to the Troubleshooting section, User's Guide on the Utility CD-ROM, or TRENDnet's website at <http://www.trendnet.com>. Register Your Product To ensure the highest level of customer service and support, please take a moment to register your product Online at: www.trendnet.com/register Thank you for choosing TRENDnet 9 4. Configure for WDS Mode Note: 1. WDS Mode requires at least 2 TEW-455APBO 2. Please install and test in a lab environment before mounting the TEW-455APBO. 3. After you set the TEW-455APBO to WDS mode, wireless clients will not be able to connect to the TEW-455APBO. 108Mbps 14dBi High Power Wireless Outdoor PoE Access Point (TEW-455APBO) 19dBi Outdoor High Gain Directional Antenna (TEW-AO19D) Internet Cable (TEW-ASALI) Cable/DSL Modem PoE Power Adapter PoE Power Adapter 16-Port 10/100Mbps GREENnet Switch (TE100-S16Eg) Cable/DSL Advanced VPN Firewall Router (TW100-BRV304) 10/100Mbps Multi-Port Print Server (TE100-P21) Workstations with PCI Adapter Notebook with Workstations with PC Card PCI Adapter Printers Ethernet PoE Setting Up the Main TEW-455APBO 1.

Copy down the 12 digit Mac ID (Address) of the Remote TEW-455APBOs. The Mac ID is on the side of the TEW-455APBO 2. Follows steps 1-4 and 11-13 in section 3 Configure the Access Point. 3. Click System -> Operation Mode. 10 4. Select WDS Mode and then click Save & Reboot. 5. Wait 80 seconds while the Access Point reboots. 6. Click Wireless -> WDS Setup. 7. Select Enable, select AES for security type and enter an AES Key. 8. Click Enable and enter the remote TEW455APBO's MAC address. Then click Save. 11 9. Click Reboot. 10. Click Reboot. 11. Wait 80 seconds while the Access Point reboots. 12. Connect the main TEW-455APBO to the router on your LAN. Setting Up the Remote TEW-455APBO 1. Copy down the 12 digit Mac ID (Address) of the Main TEW-455APBOs. The Mac ID is on the side of the TEW-455APBO. 2. Follows steps 1-4 and 11-13 in section 3 Configure the Access Point. Make sure you change the IP address of the Remote TEW455APBO to be different from the main TEW455APBO. 3. Repeat steps 3-11 in Setting Up the Main TEW-455APBO for the second TEW-455APBO. 12 4. Connect the Remote TEW-455APBO to a switch (e.g. TE100-S16Eg) in the remote location. 5. Connect a computer to a switch (e.g. TE100S16Eg) in the remote location. 6. Make sure the top of TEW-455APBO is pointed directly at the remote TEW-455APBO. 13 5. Mounting Wall Mounting 1. @@@@Insert fastener plugs into the drilled holes. 5. @@@@Adjust the orientation of the antenna as necessary. 8. @@@@Slide the two provided u-clamps around the pole. @@@@Adjust the orientation of the antenna as necessary. 15 6. @@@@Remove the metal cap from the connector labeled EXT. 2. @@@@Windows Vista 1. @@@@Click Internet Protocol (TCP/IP) and then click Properties.

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@@I am using a non-Windows based computer. @@I. @@@@2. @@@@What should I do? Reset the unit using the following procedure. 1.

Press on the reset button. The reset button is located next to the LEDs. 2. Wait 10 seconds, then let go of the reset button. The default user name and password is root 17 I typed http://192.168.10.100 in my Internet Browser's Address Bar, but an error message says "The page cannot be displayed." How can I get into the TEW-455APBO's Browser configuration page? 1. Check your hardware settings again by following the instructions in section 2.

2. Make sure the LAN, WLAN and PWR LEDs are lit. 3. Make sure the TCP/IP settings are configured properly. 4.

Since the Access Point's default IP address is 192.168.10.100, make sure that no other network devices are assigned an IP address of 192.168.

10.100. 5. The IP address may have changed. Reset the TEW-455APBO to return all settings to factory default. To reset the TEW-455APBO, see the above troubleshooting question. If my network's IP is different than the Access Point's range, what should I do? You should still configure the Access Point first.

After all the settings are applied, go to the Access Point's configuration page, click on IP settings and change the IP address of the Access Point to match your network's IP. After I successfully configured the Access Point to match my network settings, I can not connect to my network using wireless computers. If you have a DHCP server in your network, you need to go into TCP/IP settings again and reselect "Obtain an IP address automatically" to allow the PC to regain an IP address from your DHCP server.

All the settings are correct, but I can not make a wireless connection to the Access Point. 1. Double check that the WLAN light on the Access Point is lit. 2. Power cycle the Access Point. Disconnect the Ethernet cable that is connected to the P+DATA OUT port. Wait 15 seconds, then plug the power back in. 3.

Contact the manufacturer of your Wireless Network Adapter. Make sure the Wireless Network Adapter is configured with the proper SSID.

The default SSID of the Access Point is TRENDnet455APB00. If you still encounter problems or have any questions regarding the TEW-455APBO, please contact TRENDnet's Technical Support Department. 82 This TRENDnet product includes free software written by third party developers. These codes are subject to the GNU General Public License ("GPL") or GNU Lesser General Public License ("LGPL"). These codes are distributed WITHOUT WARRANTY and are subject to the copyrights of the developers.

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