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You can read the recommendations in the user guide, the technical guide or the installation guide for TRENDNET TEW-MFP1. You'll find the answers to all your questions on the TRENDNET TEW-MFP1 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-MFP1
User guide TRENDNET TEW-MFP1
Operating instructions TRENDNET TEW-MFP1
Instructions for use TRENDNET TEW-MFP1
Instruction manual TRENDNET TEW-MFP1



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Manual abstract:

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This feature allows you to setup your TEW-MFP1 with your wireless network with just a push of a button.

Please refer to the Manual Setup section if your wireless network does not support Wi-Fi Protected Setup (WPS) Push Button Configuration (PBC). 5. You will be prompted for your password to allow the installation. Enter your password and click OK. Wi-Fi Protected Setup (WPS) Push Button Configuration (PBC) Setup Note: · Make sure your wireless router or access point supports WPS (Wi-Fi Protected Setup) PBC (Push button configuration).

If not, please refer to the User's Guide on the provided CD-ROM for alternative installation instructions. · The TEW-736RE must be placed in a location where it can still establish a wireless connection to your wireless network. The most ideal locations are areas where wireless adapters can maintain a 2-3 bars or 30-20% connection rating. · Verify that any software that is required to operate your printer or multi-function printer is installed before installing the TEW-MFP1. · The utility must be installed on each computer in order to use your multi-function printer.

1. Place the print server in the desired location. The TEW-MFP1 must be placed in a location where it can establish a wireless connection to your wireless network. The most ideal locations are areas where wireless adapters can maintain a 2-3 bars or 30-20% connection D indicators on the front of the TEW-MFP1 are fully functional (Power is solid green, WLAN is solid green and USB port is solid green). 20. Return to the computer you have installed the TRENDnet USB Control Center Utility. 21. Double click on the TRENDnet USB Control Center Utility icon. TEW-MFP1 Using the Utility The TRENDnet USB Control Center utility is used to communicate with the TE100-MFP1 and any USB device that is connected to the unit. Below describes in detail how to operate the utility for both Windows and Macintosh operating systems.

Launching the Utility Windows OS Upon completing the software installation, a desktop shortcut is automatically created. You double click the icon to start the utility or open the utility if it is already running. 22. The utility will open and will automatically find the TEW-MFP1 and your printer. Note: If the utility cannot find your TEW-MFP1, try to close and reopen the utility. If the utility still cannot locate your TEW-MFP1, it is likely the TEW-MFP1 cannot establish a connection to your wireless network. Place the TEW-MFP1 to a location where it can establish a wireless connection to your wireless network. 23. Select your printer and click Auto-Connect Printer. This will set your selected printer to connect to your computer for any print jobs.

MAC OS X Upon completing the software installation, a desktop shortcut is automatically created. Double-click the icon to start the utility. Closing the utility will exit the application. If the utility is already running and you attempt to close the window, it will continue to run in the background and you will find the icon in your notification area if the utility is still running. To close and exit the utility and exit the application, you can right-click the notification icon and select Exit or click System > Exit in the utility main window, however, it is recommended to keep this utility running in the background.

© Copyright 2012 TRENDnet. All Rights Reserved. 8 TRENDnet User's Guide Utility Main Window In the utility window, you will see the model name and IP address of your print server listed. When USB devices are connected, they will be listed under the model name and IP address of the print server. Windows OS o TEW-MFP1 Auto-Connect Printer List Provides a list of printers installed on your computer.

Select the printer you would like to assign to the Auto-Connect printer list. If you would like to delete printers from this listing, select the printer in the list and click Delete. Click Close to close the window. MAC OS X Utility · About o About Displays the software/driver version and support contact information. Menu Items (Windows Only) · System - Clicking Exit will close the utility and exit the application. Configure Server Select the print server you would like to configure in the utility window. Windows OS MAC OS X · Tools o Configuration Checking the option Automatically execute when logging on Windows will automatically start the utility when you log on. Unchecking the option will disable the utility from automatically starting when logging on. 1. Clicking the Configure Server button will open the print server's management page in your web browser.

Please refer to see Log into your router management page see "Access your router management page" on page 14 for additional information on advance settings. © Copyright 2012 TRENDnet. All Rights Reserved. 9 TRENDnet User's Guide TEW-MFP1 Windows OS MAC OS X Windows OS MAC OS X

Connect To connect your computer to a USB device, select the USB device in the list, then click the Connect button to connect your computer to the USB device. Note: The utility will only allow one computer to connect to one USB device at any given time, therefore, a computer must disconnect from the USB device first before another computer can connect to it. To verify if you disconnected from the USB device, the status message next to the message will not show any status message. Windows OS MAC OS X Windows OS MAC OS X To verify if you are connected to the USB device, a message will appear next to the USB device displaying a message that the USB device is "Manually connected by <your computer name>". Windows OS MAC OS X If another computer is currently connected to the USB device you are trying to connect your computer to, you will not be able to connect to it. To verify if another computer is connected to the device, a message will appear next to the USB device displaying a message that the USB device is "Manually connected by <another computer name>". Windows OS MAC OS X If a USB device is currently being used by another computer, click the Request to Connect button to send a request to the computer that is currently connected to the USB device.

The computer that is currently connected to USB device will be prompted to "Accept" or "Reject" the your connection request. Disconnect To disconnect your computer from a USB device, select the USB device in the list, then click the Disconnect button to disconnect your computer to the USB storage device or printer. Note: The utility will only allow one computer to connect to one USB device at any given time, therefore, a computer must disconnect from the USB device first before another computer can connect to it. Windows OS MAC OS X Sending a Request to Connect You can send a request to connect to the computer that is currently connected to the USB device you would like to establish connection too.



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Windows OS To send t a request to connect to a USB device, click the Request to Connect button.

© Copyright 2012 TRENDnet. All Rights Reserved. 10 TRENDnet User's Guide TEW-MFP1 The remote computer will receive the request message below. The remote computer will receive the request message below. · Accept Clicking this option will disconnect your computer from the device and allow the requesting computer to connect to the USB device.

Reject Clicking this option will disregard the request and your computer will not be able to connect to the USB MAC OS X To send t a request to connect to a USB device, click the Request to Connect button. Accept Clicking this option will disconnect your computer from the device and allow the requesting computer to connect to the device. If the remote computer accepts the request, the local computer will display the message below. Click Close to close the message. · The local computer sending the request will show the status message below. · Reject Clicking this option will disregard the request. © Copyright 2012 TRENDnet. All Rights Reserved. 11 TRENDnet User's Guide If the remote computer rejects the request, the local computer will display the message below. Click OK to close the message.

TEW-MFP1 Auto-Connect Printer When a USB printer is connected and selected in the main window, clicking this option allows you to enable/disable the auto connect feature to a selected printer in the AutoConnect printer list. When your computer attempts to print, the Auto-Connect feature will automatically connect your computer to the set Auto-Connect printer assigned in the utility. Once the print job from your computer is completed, it will automatically disconnect to make the printer available to other computers on your network. Note: It is recommended to enable this feature on all computers that will need to connect to the USB printer. Enabling the Auto-Connect Printer feature will avoid the complexity of having to manually connect and disconnect from the printer for each computer when multiple computers are sending print jobs to the USB printer. 1. Click Auto-Connect Printer. Connect to a Printer Note: This function applies to stand-alone USB printers or USB multi-function printers. It is required that the printer drivers are installed before your computer is able to print. Please ensure the printer drivers are installed.

If the printer drivers are not installed, please refer to your printer manufacturer website or documentation on where to download and how to install the printer drivers. Before installing the printer drivers, connect your computer to the printer using the USB utility first. Some printers may require that the printer is directly connected to the computer in order to complete the driver installation. Once the printer drivers are installed properly on your computer, 1. Select the printer listed in the utility.

2. Click Connect to connect your computer to the printer. 2. Select the assigned printer to use as the auto connect printer by checking the box. 3.

When you are finished, click Apply. 3. Once your computer is connected, you can send print jobs to the printer. 4. After you have finished printing, click Disconnect, to make the printer available to other computers on your network that use the printer, or, you can use the AutoConnect Printer Feature. © Copyright 2012 TRENDnet. All Rights Reserved. 12 TRENDnet User's Guide Connect to a Scanner Note: This function applies to stand-alone USB scanners or USB scanners included with multi-function printers. It is required that the scanner drivers are installed before your computer is able to scan. Please ensure the scanner drivers are installed.

If the scanner drivers are not installed, please refer to your printer manufacturer website or documentation on where to download and how to install the scanner drivers. Before installing the scanner drivers, connect your computer to the printer using the USB utility first. Some scanners may require that the scanner is directly connected to the computer in order to complete the driver installation. 1. Select the scanner or multi-function printer with scanning capability listed in the utility. 2. Click Connect to connect your computer to the scanner. TEW-MFP1 Advanced Configuration Note: · The management page is accessed through the use of your Internet web browser (e.g. Internet Explorer, Firefox, Chrome, Safari, Opera) and will be referenced frequently in this User's Guide.

· When the TEW-MFP1 is set to DHCP the easiest way to access the management page is through the USB Control Center Utility. Follow the below steps to proceed. Access the management page 1. Double click on the USB Control Center Utility icon. 3.

Once your computer is connected, you can receive scanned files from the scanner. 2. 3. The utility will automatically find the TEW-MFP1. Select the TEW-MFP1 and press Configure Server.

4. After you have finished printing, click Disconnect, to make the scanner available to other computers on your network that use the scanner. 4. The user interface of the TEW-MFP1 will open. Click on Config. © Copyright 2012 TRENDnet. All Rights Reserved. 13 TRENDnet User's Guide 4. 5. 5.

Enter the User Name and Password and then click Login. By default: Administrator (User Name): admin Password: admin Note: User name and Password are case sensitive TEW-MFP1 · Infrastructure: Wireless networking connection type Enter the SSID or wireless name of your wireless network. Characters entered must match exactly to your wireless network. Click Submit to apply setting. Wireless Site Survey Wireless The site survey feature allows the device to scan the surrounding area for any available wireless network. This feature can be used instead of manually entering the SSID or wireless name of your wireless network. 1. @@Click on the Wireless tab and scroll down to the Site Survey Setting section. Press the Apply button to start scanning for available wireless networks. Change Wireless settings Wireless You can change the wireless settings of the device and connect to another wireless network.

@@Incorrect settings may cause issues. 1. 2. @@Click on the Wireless tab and scroll down to the Basic section. 2.

3. 4. Select your wireless network and click Set button 3. Select the Network Type you would like set on the device. · Ad-Hoc: Peer to Peer connection type 5. 6. The selected wireless network will automatically be entered in the SSID field. @@All Rights Reserved. @@The TEW-MFP1 supports WEP, WPA-PSK and WPA2-PSK security types. @@@@Incorrect settings may cause issues. 1. 2. 3. @@Click on the Wireless tab and scroll down to the Security section.

@@@@@@@@@1.

2. 3. @@Click on Wireless tab and scroll down to the WPS Setting section. @@All Rights Reserved. @@4. 5. Select Static IP Enter the IP address and Subnet Mask settings.



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@@However you can customize these settings to match your network. @@@@2. @@@@@@However you can statically assign an IP address to the device.

Note: The IP address must be in the same subnet as your network. Incorrect settings may cause issues. 1. 2. @@Click on General tab and scroll down to the TCP/IP section.

3. @@All Rights Reserved. @@By default the UPnP setting is set to enable. @@2. @@Click on General tab and scroll down to the UPnP section TEW-MFP1 Change Admin Account Setting Administrator By default username and login password of the device is admin for both username and password. It is recommended to change the default password for added security. You can change both login username and password of the device management page by following the steps below. Note: Changes to these settings are case sensitive and should be written down somewhere and stored. 1. 2. @@Click on Administrator tab and scroll down to the Set Administrator section 3. 4. Select Enable or Disable option Click Apply to save settings. Change Language General The device supports multiple languages of the management page. Currently the languages offered are; Western European (English), Central European, Traditional Chinese, Simplified Chinese, Japanese, Korean, Cyrillic, Greek, Arabic, and Thai.

You can change the displayed language with the below steps. 1. 2. @@Click on General tab and scroll down to the Language section 3. 4. 5. Under Administrator section enter your new username information. Under New Password and Re-Type Password section, enter your new password information. Click Apply to save settings. Change User Account Setting Administrator A user account does not have the ability to make changes to the device settings. You can assign a user account's password information by following the steps below. By default username and login password of the device is admin for both username and password. It is recommended to change the default password for added security. You can change both login username and password of the device management page by following the steps below. Note: Changes to these settings are case sensitive and should be written down somewhere and stored. 3. 4. Select your desired language on the pull down menu. Click Apply to save settings. © Copyright 2012 TRENDnet.

All Rights Reserved. 17 TRENDnet User's Guide 1. 2. @@Click on Administrator tab and scroll down to the Set Administrator Set Administrator section 3. 4. Click the Restart button Click Yes to confirm the device restart TEW-MFP1 3. 4. 5. 6. 7.

Under User Name section enter the new login username you would you would like to assign to the user account. Under the password section enter the new login password you would you would like to assign to the user account. Under Permission section select the type of access you would like to permit user accounts with; Read Only or Read-Write. Click Add to create the new user account information. To delete a user account, select the user account you would like to delete. 5. The home page will automatically appear once the device has completed restarting. Reset device Maintenance A device reset will set the device back to factory default settings. This can be a useful tool when troubleshooting your network. There are two ways on how to reset the device. You can simply press and hold for 10 second the reset button located on the side of the unit. The other way is to follow the steps below. 1. 2. @@Click on Maintenance tab 8.

Click the Delete button to permanently remove selected user account. 3. Click the Reset to Factory Default button Maintenance Restart device Maintenance A device restart is similar to power cycling the unit using but using the management screen. A device restart can be a useful tool when troubleshooting your network. The steps below shows you how to perform a device restart.

1. 2. @@Click on Maintenance tab 4. Click Yes to confirm the reset © Copyright 2012 TRENDnet. All Rights Reserved. 18 TRENDnet User's Guide Upgrade Firmware Maintenance Firmware upgrades are available to A device reset will set the device back to factory default settings. This can be a useful tool when troubleshooting your network. There are two ways on how to reset the device. You can simply press and hold for 10 seconds the reset button located on the side of the unit. The other way is to follow the steps below.

1. 2. 3. @@Click on Maintenance tab Click the Download New Firmware button, this will automatically open a web browser to TRENDnet.com TEW-MFP1 Device Status System Status Status The system status page provides device information of your unit. This information can be used when troubleshooting your network. · Firmware Version: Device firmware version · Model: Device model name · MAC Address: MAC address of the device 1. 2. @@Click on Status 4. 5.

6. 7. Go to the product webpage and in the download section of the product webpage you will find available update firmware. Download and save .zip firmware file to our computer Unzip the downloaded file into your computer Return back to the device management screen and click the Upgrade Firmware button 3.

Select System Status tab 8. Click Browse and select the firmware file from the unzipped folder 9. Click the Upload button to upgrade the device firmware © Copyright 2012 TRENDnet. All Rights Reserved. 19 TRENDnet User's Guide Network Status Status The network status page provides network information of your unit.

This information can be used when troubleshooting your network. · Name: Device name · Access Mode: Device mode set · IP Address: Current IP address assigned to the device · Subnet Mask: Current subnet mask assigned to the device · DHCP Server: DHCP Server address of the device · Lease Time: IP address lease time 1. 2. @@Click on Status TEW-MFP1 Wireless Status Status The wireless status page provides wireless network information of your unit. This information can be used when troubleshooting your network. · Name: Device name · SSID: SSID of your wireless network the device currently connected to · BSSID: BSSID information your wireless network · Channel No: Channel your wireless network is using · Network Type: Type of network is being used on the device · Link Quality: Quality of the wireless connection · Signal Strength: Wireless signal strength of the wireless connection · Security: Wireless security or encryption applied on the device 1. 2. @@Click on Status tab 3. Select Network Status tab 3. Select Wireless Status tab © Copyright 2012 TRENDnet.

All Rights Reserved. 20 TRENDnet User's Guide TEW-MFP1 Maintenance Restart Reset to Factory Default Download new Firmware Upgrade Firmware Management Page Structure General · Device Information o Server Name o Workgroup o Description Access Mode o Server Mode o NetUSB mode TCP/IP o Automatic/DHCP o Static IP UPnP Language · Status Wireless · Basic o Network Tyoe o SSID Security Site Survey Setting WPS Setting System Status o Firmware Version o Model Name o MAC Address Network Status o Name o Access Mode o IP Address o Subnet Mask o DHCP Server o Lease Time Wireless Status o Name o SSID o BSSID o Channel No o o o Network Type Link Quality Signal Strength Security Administrator · Set Administrator o Administrator user name o Administrator Password · User Account List o User account username o User account password o User account Permission © Copyright 2012 TRENDnet.



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All Rights Reserved. 21 TRENDnet User's Guide TEW-MFP1 Q: How can I verify if my wireless router or access point supports Wi-Fi Protected Setup (WPS) Push Button Configuration (PBC)? Answer: 1. Check the product specifications of your wireless router or access point. 2. Contact your wireless router or access point technical support. Q: Can I use Wi-Fi Protected Setup PIN Configuration and not Push Button Configuration (PBC). Answer: 1. No, the TEW-MFP1 only supports Wi-Fi Protected Setup (WPS) Push Button Configuration (PBC).

Q: The utility cannot find my print server. What should I do? Answer: 1. Make sure your router and your wireless network is properly working. 2. Verify that your computer is properly connected to your network.

2. Make sure that the print server is turned on and is connected to your network 3. Close the utility and re-open it Q: I cannot print to my printer. What should I do? Answer: 1. Make sure that all drivers and software that is provided with your printer are installed on your computer.

Please note these drivers and software are required to be installed on computers that will be using the printer behind the print server. 2. Verify that the printer is working. 3. Power cycle the printer and print server. Close and re-open the utility. Q: I cannot find my USB device connected to the print server. What should I do? Answer: 1. Make sure that all drivers and software that is provided with your USB device installed on your computer. Please note these drivers and software are required to be installed on computers that will be using the printer behind the print server.

2. Verify that the USB device is properly working and connect it directly to your computer. 3. Power cycle the printer and print server. Close and re-open the utility. Q: Can I connect a USB Hub to the print server to add additional USB devices? Answer: Troubleshooting Q Q: I typed http://192.168.10.100 in my Internet Browser Address Bar, but an error message says "The page cannot be displayed." How can I access the printer server's management page? Answer: 1.

Check your hardware settings again. See "Network Installation" on page 4. 2. Make sure the Power and LAN lights are lit. 3.

Make sure your network adapter TCP/IP settings are set to Obtain an IP address automatically or DHCP (see the steps below). 4. Press on the factory reset button for 15 seconds, the release. Windows 7 a. Go into the Control Panel, click Network and Sharing Center.

b. Click Change Adapter Settings, right-click the Local Area Connection icon. c. Then click Properties and click Internet Protocol Version 4 (TCP/IPv4). d. Then click Obtain an IP address automatically and click OK. Windows Vista a. Go into the Control Panel, click Network and Internet. b. Click Manage Network Connections, right-click the Local Area Connection icon and click Properties.

c. Click Internet Protocol Version (TCP/IPv4) and then click Properties. d. Then click Obtain an IP address automatically and click OK. Windows XP/2000 a. Go into the Control Panel, double-click the Network Connections icon b. Right-click the Local Area Connection icon and the click Properties. c. Click Internet Protocol (TCP/IP) and click Properties. d.

Then click Obtain an IP address automatically and click OK. Note: If you are experiencing difficulties, please contact your computer or operating system manufacturer for assistance. © Copyright 2012 TRENDnet. All Rights Reserved. 22 TRENDnet User's Guide 1.

Yes you can, however please consider that most USB devices are powered by the USB port and some devices requires an optimal power source. Connecting a USB hub will degrade the power source and your device may not work properly. Q: I have completed the utility installation but the utility does not open. What should I do? Answer: 1. Make sure that your computer meets utility's the minimum requirements.

2. Uninstall the utility and reinstall the utility. 3. Restart your computer TEW-MFP1 Appendix How to find your IP address? Note: Please note that although the following procedures provided to follow for your operating system on configuring your network settings can be used as general guidelines, however, it is strongly recommended that you consult your computer or operating system manufacturer directly for assistance on the proper procedure for configuring network settings. Command Prompt Method Windows 2000/XP/Vista/7 1. On your keyboard, press Windows Logo+R keys simultaneously to bring up the Run dialog box. 2. In the dialog box, type cmd to bring up the command prompt. 3. In the command prompt, type ipconfig /all to display your IP address settings.

MAC OS X 1. Navigate to your Applications folder and open Utilities. 2. Double-click on Terminal to launch the command prompt. 3. In the command prompt, type ipconfig getifaddr <en0 or en1> to display the wired or wireless IP address settings. Note: en0 is typically the wired Ethernet and en1 is typically the wireless Airport interface. Graphical Method MAC OS 10.6/10.5 1.

From the Apple menu, select System Preferences. 2. In System Preferences, from the View menu, select Network. 3. In the Network preference window, click a network port (e.

g., Ethernet, AirPort, modem). If you are connected, you'll see your IP address settings under "Status:" MAC OS 10.4 1. From the Apple menu, select Location, and then Network Preferences.

2. In the Network Preference window, next to "Show:", select Network Status. You'll see your network status and your IP address settings displayed. Note: If you are experiencing difficulties, please contact your computer or operating system manufacturer for assistance. © Copyright 2012 TRENDnet. All Rights Reserved. 23 TRENDnet User's Guide How to configure your network settings to obtain an IP address automatically or use DHCP? Note: Please note that although the following procedures provided to follow for your operating system on configuring your network settings can be used as general guidelines, however, it is strongly recommended that you consult your computer or operating system manufacturer directly for assistance on the proper procedure for configuring network settings. Windows 7 a. Go into the Control Panel, click Network and Sharing Center. b.

Click Change Adapter Settings, right-click the Local Area Connection icon. c. Then click Properties and click Internet Protocol Version 4 (TCP/IPv4). d. Then click Obtain an IP address automatically and click OK. Windows Vista a. Go into the Control Panel, click Network and Internet. b. Click Manage Network Connections, right-click the Local Area Connection icon and click Properties. c.

Click Internet Protocol Version (TCP/IPv4) and then click Properties. d. Then click Obtain an IP address automatically and click OK. Windows XP/2000 a. Go into the Control Panel, double-click the Network Connections icon b.

Right-click the Local Area Connection icon and the click Properties. c. Click Internet Protocol (TCP/IP) and click Properties. d. Then click Obtain an IP address automatically and click OK.



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MAC OS 10.4/10.5/10.6 a. From the Apple, drop-down list, select System Preferences. b. Click the Network icon. c. From the Location drop-down list, select Automatic. d.

Select and view your Ethernet connection. In MAC OS 10.4, from the Show drop-down list, select Built-in Ethernet and select the TCP/IP tab. In MAC OS 10.5/10.6, in the left column, select Ethernet. e. Configure TCP/IP to use DHCP. In MAC 10.4, from the Configure IPv4, drop-down list, select Using DHCP and click the Apply Now button.

In MAC 10.5, from the Configure drop-down list, select Using DHCP and click the Apply button. TEW-MFP1 In MAC 10.6, from the Configure drop-down list, select Using DHCP and click the Apply button. f.

Restart your computer. Note: If you are experiencing difficulties, please contact your computer or operating system manufacturer for assistance. Steps to improve wireless connectivity There are a number of factors that can impact the range of wireless devices. Follow these tips to help improve your wireless connectivity: 1. Adjust your wireless devices so that the signal is traveling in a straight path, rather than at an angle.

The more material the signal has to pass through the more signal you will lose. Keep the number of obstructions to a minimum. Each obstruction can reduce the range of a wireless device. Position the wireless devices in a manner that will minimize the amount of obstructions between them. Building materials can have a large impact on your wireless signal. In an indoor environment, try to position the wireless devices so that the signal passes through less dense material such as dry wall. Dense materials like metal, solid wood, glass or even furniture may block or degrade the signal. Antenna orientation can also have a large impact on your wireless signal. Use the wireless adapter's site survey tool to determine the best antenna orientation for your wireless devices. 2.

3. 4. 5. Interference from devices that produce RF (radio frequency) noise can also impact your signal. Position your wireless devices away from anything that generates RF noise, such as microwaves, radios and baby monitors. Any device operating on the 2.4GHz frequency will cause interference. Devices such as 2.4GHz cordless phones or other wireless remotes operating on the 2.4GHz frequency can potentially drop the wireless signal.

6. © Copyright 2012 TRENDnet. All Rights Reserved. 24 TRENDnet User's Guide 7. Although the phone may not be in use, the base can still transmit wireless signal.

Move the phone's base station as far away as possible from your wireless devices. Make sure that your router is in a good location. a. b. c.

d. e. For the widest coverage area, install your router near the center of your home, and near the ceiling, if possible. Avoid placing the router on or near metal objects (such as file cabinets and metal furniture), reflective surfaces (such as glass or mirrors), and masonry walls. Any obstruction can weaken the wireless signal (even non-metallic objects), so the fewer obstructions between the router and the wireless device, the better. Place the router in a location away from other electronics, motors, and fluorescent lighting. Many environmental variables can affect the router's performance, so if your wireless signal is weak, place the router in several locations and test the signal strength to determine the ideal position. TEW-MFP1 Federal Communication Commission Interference Statement This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures: - Reorient or relocate the receiving antenna. - Increase the separation between the equipment and receiver. - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. - Consult the dealer or an experienced radio/TV technician for help. FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. IMPORTANT NOTE: FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user. 8. If possible, upgrade wireless network interfaces (such as wireless cards in computers) from older wireless standards to 802.

11n. If a wirelessly networked device uses an older standard, the performance of the entire wireless network may be slower. If you are still experiencing low or no signal consider repositioning the wireless devices or installing additional access point. © Copyright 2012 TRENDnet. All Rights Reserved.

25 TRENDnet User's Guide TEW-MFP1 Technical Specifications Hardware Wireless Standards LAN Port USB Ports LED Indicators TCP/IP Protocol Supported Control Center Utility Supported OS USB Devices Supported Button IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), USB 1.1/2.0 1 x 10/100Mbps Auto-MDIX Ethernet port 1 x USB 2.0 Type-A Power, WLAN, LAN, USB DHCP Windows: 7(32/64-bit) / Vista (32/64-bit) / XP(32/64-bit) / Mac OS X: 10.4/ 10.

5/10.6/10.7 127 Max. Init button: restores factory default settings (press over 10 seconds), Activates WPS Function (press for 2~9 seconds) Input: 120 ~ 240V AC, 50~60Hz Output: 12V DC, 1.5A 2.04 Watts (max.) 75 x 58 x 24 mm (3 x 2.3 x 1 in.) 62 g (2.2 oz.

) Storage: -10 ~ 60°C (13.9~139 °F) Operating: 5 ~ 40°C (41~104 °F) Max. 90% (non-condensing) Frequency Antenna Media Access Protocol Modulation 2.412 ~ 2.462 GHz (FCC) 2.

412 ~ 2.472 GHz (ETSI) 2dBi external fixed dipole antenna CSMA/CA with ACK CCK, DQPSK, BDPSPK, OFDM with BPSK, QPSK and 16/64-QAM sub-carrier modulations 802.



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11b:11Mbps 802.11g: 54Mbps 802.11n: 150Mbps 64/128-bit WEP, WPA/WP2-PSK 802.

11b: 16dBm (typical) 802.11g: 13dBm (typical) 802.11n: 13dBm (typical) 802.11b: -85dBm (typical) @ 11Mbps 802.11g: -68dBm (typical) @ 54Mbps 802.11n: -68dBm (typical) @ 150Mbps 1~ 11 (FCC), 1~13 (ETSI) CE, FCC Data Rate Security Output Power Receiving Sensitivity Channels Certifications Power Power Consumption Dimensions (LxWxH) Weight Temperature Humidity *Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions. ** Control Center utility installation required for each computer in order to access the print server © Copyright 2012 TRENDnet. All Rights Reserved.

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