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You can read the recommendations in the user guide, the technical guide or the installation guide for SMC HPAV-ETH2 KIT. You'll find the answers to all your questions on the SMC HPAV-ETH2 KIT in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual SMC HPAV-ETH2 KIT**  
**User guide SMC HPAV-ETH2 KIT**  
**Operating instructions SMC HPAV-ETH2 KIT**  
**Instructions for use SMC HPAV-ETH2 KIT**  
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**SMC**<sup>®</sup> | USER GUIDE  
Networks

EZ Connect Powerline™  
200Mbps HomePlug AV Adapter

SMCHPAV-ETH2



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**Manual abstract:**

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.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... @@@@ @@@@ 3.1 3.2 3.3 Ethernet Interface.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

. 3 Buttons ....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.... 3 LEDs.

.....

.....

.....

.....

.....

.....  
.....  
.....  
.....

..... 3 4 5 *Installing the Configuration Utility for Windows...*

.....  
.....  
.....  
.....

..... 5 *Working with the Configuration Utility for Windows ..*

.....  
.....  
.....

.....  
... 8 5.1 5.  
2 5.3 5.4 *Main Tab ...*

.....  
.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.....  
.. 8 *Privacy Tab ...*

.....  
.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.....  
.....  
.....  
. 12 *Diagnostics Tab...*

.....  
.....

.....  
.....  
.....  
.....

.....  
.....  
.....

..... 14 *About Tab.*

.....  
.....

.....  
.....

.....  
.....  
.....  
.....

.....  
.....  
.....

..... *16 6 SYNC button Usage* ....

.....  
.....  
.....

.....  
.....  
.....

.....  
.....

*. 17 6.1 6.2 6.3 Creating a private network .*

.....

.....  
.....  
.....  
.....

.....  
.....  
.....

*17 Joining a Network.....*

.....  
.....  
.....

.....  
.....  
.....

..... *18 Leaving a Network.....*

.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.....

*.... 19 Specifications .*

.....

.....  
.....  
.....  
.....

..... 21 Acronyms and Abbreviations ....

..... 22 About QoS.

.. 23 Appendix A Appendix B Appendix C 1 Introduction Thank you for purchasing an SMC product. The SMCHPAV-ETH2 is a fast 200Mbps\* Powerline HomePlug AV Ethernet Adapter which allows you to connect computers, or Ethernet-enabled devices in your home or office and to share an Internet connections through the in-house electrical wiring . \*200Mbps--is the physical data rate. Actual data throughput may be lower. 1.1 Minimum System Requirements For Configuration Utility, computer with 200MHz above CPU with 128MB RAM 20MB free disk space 10/100Mbps Ethernet Adapter with RJ-45 connector Windows 7, Vista, XP (with SP2) or 2000 (with SP4) For Hardware Installation At least 2 HomePlug AV devices Available power outlet Available Ethernet port with RJ-45 connector on each computer or networking device 1.2 Package List 1 SMCHPAV-ETH2 HomePlug AV Ethernet Adapter 1 CD-ROM with software utility and user manual 1 RJ-45 Ethernet cable 1 Quick Installation Guide 1 Warranty Information Card 1 2 Safety Cautions This device is used for connection to the AC electrical wiring. In order to use the device correctly and safely please read the instructions before using the device. @@Follow all the warnings and instructions marked on the product.

Before cleaning the device, unplug it from the wall outlet. Use a dry cloth for cleaning. Do not use liquid or aerosol cleaners. Do not place the device near water. Do not place the device near or over a radiator or heat register. Do not use an extension cord between the device and the power outlet. Only professional technicians should service the device. @@@@If the device has been exposed to rain or water. @@@@Sync: Activate network security.

@@@@Blinking: The Ethernet connection is transmitting or receiving data.

OFF: No Ethernet network activity. Blinking: The Powerline connection is transmitting or receiving data. @@@@@@Select SMCHPAV-ETH2 Utility Installation and double-click Setup.exe. Follow the on-screen instructions to install the utility.

No password or CD-Key is needed. @@@@In most cases, only one device will be listed here.. Select it and click the Connect button.

@@@@@@@Autoscan/Scanning.

.. shows whether the autoscan function is on and active. @@@@@@@@The procedure for setting the password of the device (required when creating a private network) is as follows: Click the device name to select the device in the lower panel. Click Enter Password. A dialog box appears, showing the device name, MAC address and a field to enter the password. See Figure 5-2. 10 Figure 5-2: Set device password Enter the password (typically a number and letter code in groups of four, separated by dashes, to be found on the backside of the device or the packaging) and click OK to verify the password. The password field accepts the device password in any format, with or without dashes. A confirmation box appears if the password was entered correctly.

If a device was not found, a message appears, providing suggestions to solve the problem. Add This button is used to add a device to the existing Powerline network by entering the password of the device. A dialog box as in Figure 5-3 appears. Enter a device name and the password to add the device. If the device was found and the password was entered correctly, a confirmation 11 box appears. If a device was not found, a message appears, providing suggestions to solve the problem. Figure 5-3: Add remote device Note: The device must be in the Powerline network (plugged in), so that you can confirm the password and add the device to the network. If the device is not located, a warning message appears. Scan This button is used to perform an immediate search for HomePlug devices connected to the Powerline network. By default, the utility automatically scans every few seconds and updates the displayed information accordingly.

5.2 Privacy Tab In the Privacy screen, you can maintain security for the logical network and 12 select the devices that should be able to communicate in the same network. See Figure 5-4. Out-of-the-box, all HomePlug devices are pre-configured to be used in a public network with "HomePlugAV" as network name. In the Privacy screen, you can create a private network by changing the private network name of the relevant devices.

Only devices with the same private network name will be able to communicate. Click Use Default (Public Network) or enter HomePlugAV as network name, to change from a private network back to a public network. Figure 5-4: Privacy screen Note: If the network name changes to anything other than Homeplug, the network type in the main screen is displayed as Private. 13 Set Local Device Only This button is used to change the private network name of the local device only. If a new private network name (other than HomePlugAV) is entered, all the devices that appeared in the lower panel of the Main screen wian 10 seconds.

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Figure 6-1: Creating a Homeplug AV private network 6.2 Joining a Network In this scenario a Powerline private network exists and a new device, the 'joiner', should join the network. Any device on the existing Powerline network can become the 'adder'. 1. 2. Press the SYNC button on the 'joiner' (new device) for at least 3 seconds. Press the this 3. SYNC button on any network device for less than 3 seconds, making it the 'adder' (existing device). Please press SYNC button within 1 minute. Wait for the connection to complete.

The Power LED on both devices will blink evenly at 1-second intervals until the operation succeeded or failed. If the connection succeeded, it illuminates steadily. If an error occurred, the Power LED on the 'adder' blinks unevenly until 18 the SYNC button on the 'adder' is pressed again or the 'joiner' is reset by pressing the RESET button down for more than 10 seconds. Figure 6-2: Joining a network 6.3 Leaving a Network In this scenario a Powerline network exists and one device, the 'leaver', should be removed from the network. The user either wants to remove the device completely or have it join another logical network. 1. 2. Press the SYNC button on the 'leaver' for at least 10 seconds. The device resets and restarts with a random SYNC.

Wait for the reset to complete. @@No error occurs. @@@@CAP 3 priority is used for voice and network management frames, CAP 2 is used for streaming video and music while CAP 1 and CAP 0 are used for data. Default CAP The Default CAP group allows default priority mapping of packets that do not have a VLAN tag. Settings are available for unicast (directed to a host).

IGMP - (default CAP 3) - set the channel access priority for IGMP frames these are the group management frames, not the stream data Unicast - (default CAP 1) - set the default channel access priority for unicast frames not matching any other classification or mapping. IGMP managed Multicast Stream (Fixed to CAP 2) - set the default channel access priority for stream data belonging to a snooped IGMP multicast group. Multicast/Broadcast - set the default CAP for multicast frames not in a snooped group and for broadcast frames. The following are the factory default settings for VLAN Tags and TOS Bits: VLAN Tag User priority 0 1 2 3 4 5 6 7 Default CAP Priority CAP1 CAP0 CAP0 CAP1 CAP2 CAP2 CAP3 CAP3 TOS Bit User Priority 0 1 2 3 4 5 6 7 Default CAP Priority CAP1 CAP0 CAP0 CAP1 CAP2 CAP2 CAP3 CAP3 23 SMCHPAV-ETH2 .



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