Locating the MAC Address on EEG Hardware Products

Applies to Products: Network Compatible Encoders and Decoders
Last Revised: April 2023

Locating the MAC address on EEG Encoders using the LCD Control on the following Models:

- HD492 - all models
- HD491 - Build 2.5.8 and newer

1. Using the front panel LCD control, press the green checkmark (a.k.a. the OK button). <System Setup> will be displayed.
2. Press OK and <Network> should be displayed.
3. Press the up arrow to browse to <MAC Address> and press OK.

Locating the MAC address of all other networked EEG Encoders and Decoders from a Windows PC

1. Click **Start -> Run**, type **cmd** and click **Ok**
2. Type **ping xxx.xxx.xxx.xxx**, replacing **xxx.xxx.xxx.xxx** with the IP address of the computer for which you would like to retrieve the MAC address
3. After the ping response has finished, type **arp -a** xxx.xxx.xxx.xxx
4. Under **Internet Address**, you will see the IP address you just pinged. In the same line, the corresponding MAC address is listed under **Physical Address**

If a device on a network communicates with another device, an example of this is a “ping” reply from a device to a PC, then information from the responding device is stored in the ARP (Address Resolution Protocol) table of the PC that sent the “ping”. Using the “arp –a” query results in a printout of the ARP table, including the MAC address of the responding device. See the example in Figure 1 below.

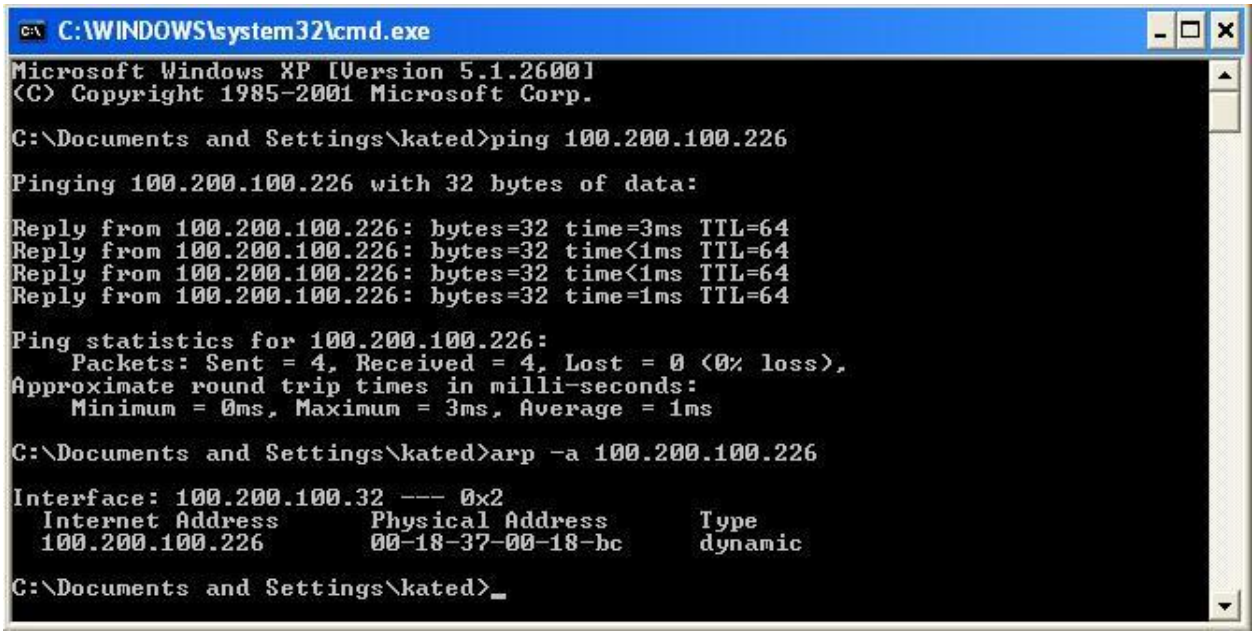

Figure 1 - Ping Reply and ARP Query Example Pg. 2