

Advantech AE Technical Share Document

Date	2016/04/22	SR#	1-2444570334
Category	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP	Related OS	N/A
Abstract	ADAM-6000 & ADAM-6200, How to use Wireshark to find the current IP?		
Keyword	IP, Default Gateway, Ethernet		
Related Product	ADAM-6000, ADAM-6200		

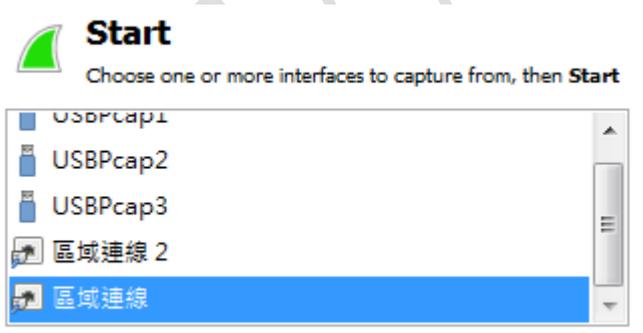
■ **Problem Description:**

This document shows how to use Wireshark to find the current IP.

■ **Answer:**

There are two situations that utility can't find ADAM. First, there is no AP to be the default gateway and the customer set the default gateway in ADAM. Second, there is AP but the default gateway set wrong. Therefore, the customer needs use Wireshark to find ADAM. The following is the step to help you to find ADAM

1. Download Wireshark from link: <https://www.wireshark.org/download.html>
2. Connect ADAM module to the computer directly.
3. Open Wireshark, click "Local Area Connection" and then click "start"



4. Power on ADAM
5. Find the ARP request packet. It will show current ADAM IP.

7	2016-03-29 19:24:06.628858	10.0.0.1	224.0.0.22	IGMPv3	54 Membership Report / Join group 224.0.0.251 for an
8	2016-03-29 19:24:06.629172	fe80::bdef:ff08:bbe:ff02::16		ICMPv6	110 Multicast Listener Report Message v2
9	2016-03-29 19:24:06.693895	Advantec_f4:50:07	Broadcast	ARP	60 Gratuitous ARP for 169.254.8.80 (Request)
10	2016-03-29 19:24:07.023084	fe80::bdef:ff08:bbe:ff02::1:2		DHCPv6	166 Solicit XID: 0xec/42b CID: 000100011e002258382c4a
11	2016-03-29 19:24:07.128723	asustakr_c8:c9:a8	Broadcast	ARP	42 who has 10.0.0.1? Tell 0.0.0.0

Take this for example, you can see the Advantech...which is the identification of ADAM product and the following IP is ADAM's. Then, the customer can set the corresponding network to get ADAM.