

How to Use Wireshark to Find a Uniview

Camera's IP Address?



How to Use Wireshark to Find a Uniview Camera's IP Address?

Description

Note: This method is applicable to most scenarios. If the method cannot solve your problem, it is recommended to consult our Tech Support Team. https://global.uniview.com/Support/Service_Hotline/

Preparation

Connect the camera directly to the Ethernet port of the PC for excluding interference of other devices' IP.

You can use a power adapter to supply power for a camera.

Operating Steps

Step 1 Double click the Ethernet card which the camera is connected to to start capture.

📕 The Wireshark Network Analyzer	-	6 ×
file Edit View Go Capture Analyze Statistics Telephony Wireless Icols Help		
Apply & display Elter	🔜 +] B	tpression +-
Welcome to Wireshark		
Capture		
""using this filter: 📗 Inter a capture filter ""	* All interfaces shown*	
Ethernet 1		
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Step 2 Plug the camera into the PC and wait for around 30 seconds.

Note: The camera's infrared light will turn on each time when you power it up and the light will then flash and turn off automatically. If your camera's light is steady off or steady on, then there must be something wrong with the camera itself.

Step 3 Click the Stop button to end capture.

uplay filter " (Ctrl-7)					+ Espression
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2021-03-20 10:33:04.210098	169,254,126,158	239, 255, 255, 258	SSDP	179 M-SFARCH * HTTP/1 1	
2021-03-20 16:35:05 202720	Theijang ac:f8:ac	Beoadcast	ARP	68 kbo has 172 1 98 12 Tell 172 1 98 124	
2021-03-20 16:35:05.967782	0.0.0.0	255.255.255.255	DHCP	342 DHCP Discover - Transaction ID 0x9e99658c	
2021-03-20 16:35:06.202667	Zhejiang ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.1? Tell 172.1.90.124	
2021-03-20 16:35:08.170192	169.254.126.158	239.255.255.250	SSDP	179 M-SEARCH * HTTP/1.1	
2021-03-20 16:35:09.223185	Zhejiang ac:f0:ac	Broadcast	ARP	60 Who has 172.1.98.17 Tell 172.1.98.124	
3 2021-03-20 16:35:10.222641	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.17 Tell 172.1.90.124	

Step 4 Please filter 'arp' and then you will find the only IP which connects to the Ethernet port (the source of Uniview product is always Zhejiang...).

In this case, the sender IP address is the correct IP for the camera.

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1 2021-03-20 16:35:04.210098	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.17 Tell 172.1.90.124	
3 2021-03-20 16:35:05.202720	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.1? Tell 172.1.90.124	
5 2021-03-20 16:35:06.202667	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.17 Tell 172.1.90.124	
7 2021-03-20 16:35:09.223185	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.17 Tell 172.1.90.124	
8 2021-03-20 16:35:10.222641	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.1? Tell 172.1.90.124	
10 2021-03-20 16:35:11.222635	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.1? Tell 172.1.90.124	
13 2021-03-20 16:35:14.227773	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.1? Tell 172.1.90.124	
14 2021-03-20 16:35:15.222493	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.17 Tell 172.1.90.124	
15 2021-03-20 16:35:16.222448	Zhejiang_ac:f0:ac	Broadcast	ARP	60 Who has 172.1.90.17 Tell 172.1.90.124	
rame 1: 60 bytes on wire (480 bits), 60 thernet II, Src: Zhejiang_ac:f0:ac (48:e iddress Resolution Protocol (request) Hardware type: Ethernet (1)	bytes captured (480 bits) c ea:63:ac:f0:ac), Dst: Broadc	n interface 0 ast (ff:ff:ff:ff:ff:	ff:ff)		
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