How to live stream directly from the AViPAS cameras via RTMP (AV-1080/1280/1250/1563 Series)

1. Find the router IP address and DNS number.

In laptop, select your current connected WIFI, open the properties and find your router's IP address and DNS servers information.

e	CBCI-A25A-5	← Settings				×
116	Connected, secured Properties	ଜ CBCI-A25A	命 CBCI-A25A-2.4			
	Disconnect	Properties				
(h.	CBCI-A25A-2.4 Secured	SSID: Protocol:	CBCI-A25A-2.4 802.11n			
(h.	ATT3Lve4WM_BIZ Secured	Security type: Network band: Network channel:	WPA2-Personal 2.4 GHz 1			
(h.	CBCI-45FC-2.4 Secured	IPv6 address:	2603:3024:181c:9400::a2e3 2603:3024:181c:9400:825:8f5a:ef8d:4d0			
a	XFINITY	IPv6 DNS servers:	2001:558:feed::2			
	Secured	IPv4 address: IPv4 DNS servers:	10.1.10.151 75.75.75.75 75.75.76.76			
ſa.	xfinitywifi	Manufacturer:	Intel Corporation			
Not	work settings	Description:	Intel(R) Dual Band Wireless-AC 3168			
INCL	work settings	Driver version:	19.51.9.1			
ſ.	r _D	Physical address (MAC):	30-E3-7A-9F-27-25			
Wi-Fi	Airplane mode	Сору				

2. Update Camera IP address to match with your router.

Connect camera with laptop through Ethernet cable. Login to the camera's web user interface. (For instructions about how to access camera via IP, please refer to: https://www.avipas.com/_files/ugd/6b6a18_638a51a17f454bfda75aff9d53784447.pdf)

In web user interface: open "Configuration" -> "Network Configuration" -> "Ethernet".

STEP 1:

- Change the first three sections of Camera's IP address to be the same as the router IP address, keep the last section to be unique.
- Enter the subnet mask as: 255.255.255.0
- Change the default gateway: keep the first three sections to be the same as the router's IP address, enter "1" in the last section.
- Save the changes

• Reboot the camera

Example: If the router IP address is 10.1.10.151, then you can change the camera's IP address as: 10.1.10.41 and change Gateway as: 10.1.10.1

As shown in the picture below:

onfigurations	Ethernet		
Audio Configure Video Configure Video Encode	DHCP IP Address	10.1.10.41	
Stream Publish RTP Multicast Video Parameters Video QSD	Subnet Mask	255.255.255.0	
OSD Font Size	Default Gateway	E4:77:D4:09:B7:5A	
Network Configure Network Port Ethernet	in to Address	Save	
 ONS GB28181 RTSP 			
System Configure SystAttr SysTime			
 SysUser Update Default 			

STEP 2: Going to the DNS setting: enter your router DNS server number. Save the changes.

← → C ▲ Not secu	re 10.1.10.41/pages/main.asp#
Configurations Audio Configure Video Configure Video Encode Stream Publish RTP Multicast Video Parameters Video OSD OSD Font Size Video Out Network Configure Network Port Ethernet DNS GB28181 RTSP System Configure SystAttr Systattr Systattr SysUser Update Default Reboot	DNS Preferred DNS Server 75.75.75 Alternative DNS Server 75.76.76

If you want to use a line level microphone input, please going to "Audio Configure", select [enable audio], choose Encode Type as [AAC], Sample Rate as [48000]. Save the changes.

Please note that after change the camera's setting, you need to [Reboot] the camera.

onfigurations	Audio Confi	gure	
Audio Configure	Enable		
Video Encode	Encode Type	AAC	~
RTP Multicast Video Parameters	Sample Rate	48000	~
Video OSD	Sample Bits	16	~
Video Out	Bit Rate	64Kbps	~
Network Comigure Network Port	Channel	Mono	~
O DNS	Input Volume		2
 GB28181 RTSP 		Save	
System Configure			
SysTime SysUser			
O Update			
 Default Reboot 			

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3. Start live streaming

Disconnect the camera from your computer, and connect the camera to the router (Internet port) via Ethernet cable. Open a browser, input camera's new IP in the address bar, log in with username: admin, password: admin. Go to Stream Publish section:

- 1. Enable the "Main stream"
- 2. Keep "Protocol type" as RTMP
- 3. Copy the stream URL from your live streaming platform and paste it to "Host Address"
- 4. Keep "Host Port" as 1935
- 5. Copy the stream Key from your live streaming platform and paste it to "Stream Name".
- 6. Save the changes and reboot the camera.

You will be able to see the live video in platform preview page shortly.

onfigurations	Stream Publi	sh	
Audio Configure Video Configure	Stream	Main Stream	Sub Stream
 Video Encode Stream Publish 	Enable		
RTP Multicast Video Parameters	Protocol Type	RTMP	RTMP
 Video OSD OSD Font Size 	Host Address	rtmp://a.rtmp.youtube.com/live2	rtmp://a.rtmp.youtube.com/live2
Video Out	Host Port	1935	1935
 Network Port Ethernet DNS GB28181 RESE 	Stream Name	xffd-3t3m-g592-aaqb-29mj	xffd-3t3m-g592-aaqb-29mj
System Configure	Username		
 SystAttr SysTime 	Password		
 SysUser Update Default Reboot 		Save	

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