VIPER: How to add Axis cameras

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The following Procedure explains how to add Axis IP cameras to a VIPER NVR

Note.

A separate PC running Axis IP Finder {Discovery Application} & POE switch will be needed to do the initial set up of the camera.

Method 1 [Using Direct connection to the VIPER]

Login in to cameras Web Interface using Administrator User/Password [Latest Axis FW is only supported via Chrome or Firefox]

Check camera is set to DHCP

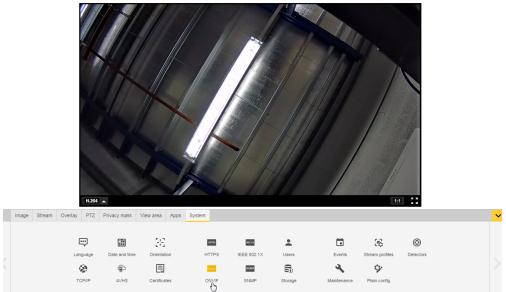
TCP/IP

Pv4	
Automatic IP (DHCP) and DNS (DHCP)	
	Save

Check Camera is set to get Time via DHCP Set Time Zone.

utomatic date and time	Time zone
Year Month Day	GMT (Dublin, Lisbon, London, Reykjavik)
2017 05 06	Daylight saving time adjustment
Hour Min	
D 4 55	
connect to NTP-server	
Automatically (DHCP)	
~	

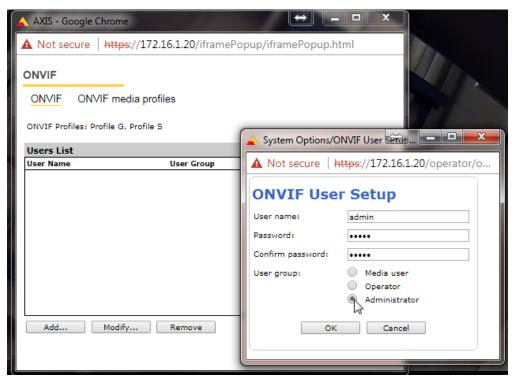
Select Setting Page, then select ONVIF option



. 0 0

Next Set up a ONVIF User & media Profiles

- Example in our set up was User:- admin PW:- admin
- · Administrator has to be set if you wish to configure media setting via the VIPER



Configure ONVIF Media Profiles. As default Axis camera has 2x ONVIF Profiles

- profile_1 h264 is Max resolution max framerate. You can leave this as default and change in VIPER once connected
- profile_1jpeg Default is jpeg (VIPER does not support JPEG)

人 AXIS - G	oogle Chrome			
🛕 Not se	cure https ://172.	16.1.20/iframeP	opup/iframePopu	p.html
ONVIF				
ONVIF	ONVIF media prof	les		
Profiles L				
Profile Nar				^
profile_1 h2 profile_1 jpe				
- dho	-9			
				-
Add	Modify	Remove		

• Select Profile Name and click "Modify"

•

- This needs to be changed from jpeg to h.264 in the camera interface, click on profile and edit
 - Encoding Change to H264
 - Resolution Lower Resolution
 - Frame rate Lower Frame rate
 - Rename profile for identification purposes
 - Example below

🔺 AXIS - Google Chrome 🦳 —	🗆 🔺 Video	& Audio/ON	IVIF Media Profil	es Setup - AXIS M3045-V	Network Camera - Google Chrome	- 0	×
① 10.2.1.100/iframePopup/iframePopup.html	(i) Not s	ecure 10.	2.1.100/opera	tor/edit.shtml?view=r	nodify&token=profile_1_jpeg&aca=	=yes	
ONVIF	ONVI	(F Medi	a Profile	s Setup			
ONVIF ONVIF media profiles		1edia profile					
	Profile nam	ne: profile_1	viper2nd]			
Profiles List	Profile toke	en: profile_1_	jpeg				
Profile Name	A						
profile_1 h264	Video So	urce Config	uration - user0			0	
profile_1 viper2nd				1			
			guration - defa			9	
	Select a c	onfi wration:	default_1 jpeg	 Number of profiles u 	sing this configuration: 0		
	General	-0					
	RTSP sess	ion timeout: P	T60S				
	Multicast						
	IP version	: IPv4		Address: 0.0.0.0			
	Port: 0			Autostart: false	Time to Live (TTL): 5		
	Video						
	Encoding:	H264		Resolution: 352x288	Quality: 70		
Add Modify Remove	Bitrate (kt	bit/s): 214748	L.	Encoding interval: 1	Frame rate (fps): 7		
	GOV lengt	:h: 32		H.264 profile: Baseline			
					Ed	dit configuration	
	Metadata	a Configurat	ion			0	
	1.264 🔺 🖒 Save	profile	Cancel				
Stream Overlay PTZ Privacy mask View area Apps	System						

Once the above is completed plug the camera directly into the VIPER NVR the camera will be automatically added.

If "ONVIF" user details are not admin/admin then the correct login details will need to be entered.

	Auto /	Assign	Model	FE8181	
Model	IP	Status	сн	СН 10	~
4-5231	169.254.174.16	OK	IP	192.168.30.110	
5MPVFD36V10re	169.254.144.158	OK	ID	admin	
K-6213R	192.168.30.103	ОК	Password	*****	· 📃
-HDA-ENC1	172.16.0.223	ОК			
2-5MP360INT	192.168.30.104	ОК		Check	
181	192.168.30.110	ОК			
2-ENCODER	172.16.3.101		Add Manua	lly	
2-72 0√Z MI	172.16.1.28		СН	None	•
2-1080VFD	172.16.3.213		CH	None	
2-1080VFD	172.16.3.216			Add to CH	
NTRO .					Carl Sedence

Method 2 [Connecting Camera on WAN Network]

Follow the above process except for the Time & Date set up, when using this method you need to set the camera NTP Server to the NVR IP Address.

Automatic date and time 🔲 🗌	Time zone
Year Month Day	GMT (Dublin, Lisbon, London, Reykjavik)
2018 05 25 Hour Min ① 11 15 ✓ Use 24-hour format	Daylight saving time adjustment
Connect to NTP-server	
Automatically (DHCP)	
Manually	
NTP server	
##VIPER WAN PORT ADDRESS##	

Adding Web Interface Access

If a user is required for Web Interface access to the camera, other than Administrator. Follow step below to add Extra User.

Add a User in this example admin with a password of admin was set up Select Role

- Administrator
- Operator
- Viewer

	🚨 root	~
	L New	^
	Username	
	admin	
	New password	
	•••••	
	Repeat password	
	••••	
	Password strength: Weak	0
-	Role	
	Administrator	
sers	Cancel	hiave

This completes the procedure.

≥ Web: vista-cctv.com ≥ Email: info@vista-cctv.com ≥ Tel: 0118 912 5000

