# **Eagle Eye Application Note - AN054**



# Configuring Camera Models Supported by Eagle Eye Networks via ONVIF

2024-08-13 Revision 2.0

### **Target Audience**

This Application Note is intended for Eagle Eye Cloud VMS account administrators who are responsible for the setup and configuration of the VMS, and seek to install and configure third-party cameras.

### Introduction

This document helps in understanding how to configure third-party ONVIF IPC (IP camera) brands for integration with the Eagle Eye Cloud VMS. By following this guide, administrators can unlock the functionalities of both the Eagle Eye Cloud VMS and the integrated third-party cameras, enhancing their overall video surveillance capabilities. This guide illustrates how to configure the camera brands supported by Eagle Eye Networks via ONVIF for integration with the Eagle Eye Security Camera System. Please click on the brand of the camera that you want to install.

- 1. Avigilon IP Cameras
- 2. Axis Cameras
- 3. Geovision IP Cameras
- 4. Hanwha Q Series Cameras
- 5. Hikvision Cameras
- 6. iPro IP Cameras
- 7. Mobotix/MOVE Cameras
- 8. Pelco IP Cameras
- 9. Ubiquiti IP Cameras
- 10. Vivotek IP Cameras

# **Avigilon IP Cameras**

Download the Avigilon Camera Configuration Tool from <u>Avigilon's website</u>, and connect your laptop to the switch with the cameras. This should be the switch connected to the CamLAN port on your Eagle Eye Bridge/CMVR.



After you log in to all the cameras, the application window presents you with a list of all the cameras that were automatically detected in the system.

		Q,	Model Q	Name 🖉 Q	Head #	Location 🖉 Q	Disable Camera Status LEDs 🛛 💋 🔾	Date First Discovered	Date Last Discovered
Veb UI	1010	*	3.0C-H4A-25G-B1(SSD)	Lobby cam 1	1	Head office		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Web LUI	200	*	H4A2	Elevator 2	1	Head office	2	4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Veb UI	2010	-	5.0L-H4A-BO2-IR	Elevator doors ground floor	1	Head office		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Web UI	1945	*	5.0-H3-B2	Elevator 1	1	Head office		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Neb UI	100	~	8.0-H4A-DO1-IR	Back door	1	Marine way store	2	4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Veb UI	2015	*	2.0W-H3PTZ-DP20	Emergency exit SE	1	Head office		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Web.LUT		×				Location 17+56		44/2021 132-09 PM	44V2021.208.15 PM
Web UI	1010	*	29MP-HD-PRO-M	Front door	1	Industrial ave store		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Neb UI	1942	~	5.0L-H4A-802-IR	Lobby entrance	1	Head office	2	4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Veb UI	1965	~	8.0-H4A-DO1-IR	Back door	1	Industrial ave store		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
						c		-	
								3	EDITED 0. TOTAL

1. **Menu bar** – the camera settings tabs are displayed on the left, and the additional task menu is available on the right.

2. Camera list – the list of discovered cameras and their related settings.

3. **Implementation area** – this displays the total number of discovered cameras, and the number of cameras with pending setting changes. Changes are not implemented until you click **Apply**.

#### 1. On the network tab, select **Enable DHCP**.

🔇 Came	era Conf	figuration	n Tool - 2.6.0.0								
General	Netwo	ork Mu	ulticast TLS	Image Settin	gs Admin User	s Analytics	All Setting	s Connection	Credential	s Firmware Upd	ate
		Q	Model	Q	Name	🗾 Q	Head #	Enable DHCP	🖪 Q	IP Address	7 Q
<u>Web UI</u>		∽≙	8.0-H4A-BO1-	IR	acc/Front - 8.0-	H4A-BO1-IR	1	~		10.143.130.169	
Web UI		∽≙	2.0-H3-DO1		acc/Back ALLY -	2.0-H3-DO1	1			10.143.127.43	
Web UI	4.8	∽≙	5.0-H3-B2		acc/Front Door	- 5.0-H3-B2	1			10.143.216.168	
								<			

2. In Image Settings, select H.264 Encoding.

🔕 Came	era Confi	guratio	n Tool - 2.6.0.0											
General	Netwo	rk Mu	ulticast TLS	mage Setting	Admin User:	Analytics	All Setting	gs Connec	tion Creder	tials Firmware	Update			
		Q	Model	Q	Name	🖻 Q	Head #	Encoding	7 Q	Flicker Control	2 Q	Enable WDR	7	۹,
Web UI		∳	8.0-H4A-BO1-	IR	acc/Front - 8.0-H	4A-BO1-IR	1	H264	~	60Hz	~			
<u>Web UI</u>	-	≁≙	2.0-H3-D01		acc/Back ALLY -	2.0-H3-DO1	1	H264	Ŷ	60Hz	Ý			
Web UI	180	••	5.0-H3-B2		acc/Front Door ·	5.0-H3-B2	1	H264	~	60Hz	~			
								_						

3. Enter camera webpage; default username/password are admin/admin.

	🔇 Came	era Con	figuratio	n Tool - 2.6	Sign in
	General	Netwo	ork Mu	ilticast T	http://167.94.39.31:58390
-	Web UI		Q •••	Model 8.0-H4A	Username
	Web UI		••≙	2.0-H3-[	Password
	<u>Web UI</u>	4.20	▲	5.0-H3-E	Sign in Cancel

4. Under Setup -> General make sure the text overlay (OSD) is disabled.

Live View   Setup   About	n nam an namu a fair ann ann ann ann ann ann ann an Meill a' fair ann an Meill a' fair ann ann ann ann ann ann	avigiton
General	General	
Image and Display	Name: acc/Front - 8.0-H4A-BO1-IR	
Compression and Image Rate	Mode: Full Feature	
Motion Detection		
Tamper Detection	Overlay Settings	
Analytics	Display Date Date Format: YYYY-MM-DD V	
Privacy Zones	Display Time Display GMT Offset	
Storage	Display Name Display Location	
Digital Inputs and Outputs	Time Settings	
Microphone	03/26/2024 12:06:31 (GMT-08:00) Las Vegas, Vancouver (PST/PDT)	
Speaker	<ul> <li>Automatically adjust clock for Daylight Savings Time</li> <li>Device time synchronized with NTP Server (Configure NTP Server)</li> </ul>	
Users		
System		
Destanting	Apply	Restore Defaults

Live View   Setup   About	The Denot Gamera with Confedenting Video Analysios	avigilon
General Network 802 1X SNMP Image and Display Compression and Image Rate Motion Detection	Network  IPv4 Scttings  Solution on IP address automatically Use the following IP address:  IP Address:  IP Address:  IP Address:  10.143.130.169  Subnet Mask:  256.265.0.0  Default Gateway:  10.143.0.1  Disable setting static IP address through ARP/Ping method	
Analytics Privacy Zones Storage	IPv6 Settings	
Digital Inputs and Outputs Microphone Speaker	Hostname Hostname: C8-0-H4A-BO1-IR-101604165197 AVIGILC	
Users	DNS Lookup	
System	Obtain DNS server address automatically	
Device Log	<ul> <li>Use the following DNS server addresses:</li> </ul>	
	Preferred DNS server 10.143.0.1 Alternate DNS server 1:	
	Alternate DNS server 2:	

5. Under Network -> Make sure IP address was successfully obtained and that IPv6 is disabled.

6. Verify that the first stream is set to H.264, and the second stream is set to MJPEG.

7	. Reboot camera,	navigate to Eag	gle Eye VMS	, and add the	camera to t	he Bridge/C	MVR.
			, ,	•		<b>J</b> ·	-

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11 90 C P - C - C - C - C - C - C - C - C -	Available	Cameras				
uki -	Status	Name		Bridge	Actions	
	0	General SC-EP104LWEI2-400-General C0-3.T. build: 2019-01-09 (192-	168.0 102)	Training	+ 2	
	0	HIKVISION/DS-2002432F-W/V5.4.5 build 170123 (10.143 227.142)		Training	+ 2	-

### **Axis Cameras**

Most Axis cameras' default settings are compatible with the Eagle Eye Cloud VMS. The main functionality that needs to be set up for the camera to stream is ONVIF.



Administrator	
Username	
New	
New password	
Repeat password	
Password strength: Blank. Type a passwor	rd. 🔴
User group	
Administrator	
Ĩ	Save

Follow these steps to enable ONVIF functionality.

• Log in to your camera, and under the **System** tab select **ONVIF.** 

• In the **ONVIF** section, create an ONVIF user. The password **cannot** contain special characters; utilize the "-" or the "\_" if the camera requires special characters. Ensure the profile has **Administrator** privileges and click **Save**. It is best if the camera login credentials and the ONVIF login are identical. If they are not the same, some features may not work properly.

• In the Eagle Eye Cloud VMS dashboard, type the username and password for the **ONVIF** profile into the camera settings.

If there are still issues, please try adjusting the following camera settings: Ensure the camera is on a currently supported firmware version by checking the **Maintenance** section under the **System** tab and comparing with our Camera Compatibility List.

Camera Setti	ngs //						×
Camera	Retention F	Resolution Motion	Analytics	Location	Metrics	Maintenance	
	On:	✓ 24 hours		~			0
	Name:	Camera Name					
	Login:	Username			Pa	assword	
	Time Zone:	US/Eastern		•			
	Tags:	add a tag					
	Notes:						
							le

Image	Stream	Overlay	PTZ	Privacy mask	View area	Apps	System						
	,	]		38		•		Спуля	SNMP	٢	4	Ŷ	
	Langu	age D	ate and t	ime Orientat	ion	User	s	ONVIF	SNMP	Detectors	Maintenance	Plain config	
	8	•	٩	0			)						
	TCP/	IP	AVHS	Securit	ty	Storag	je	I/O ports	Events				

If the camera needs to be updated, please follow the manufacturer's instructions. Eagle Eye Networks is **not** authorized to update third-party devices.

Reset		Firmware upgrade
Do a safe restart Restore the factory values but keep	Restart	Current firmware: 9.80.22 1. Download the firmware here: www.axis.com/support/firmware
Restore all factory values	Default	2. Select the firmware Select file 3. Install the firmware
		Upgrade type: Standard upgrade
		Factory default     Autorollback

#### +Stream Configuration:

The camera streams need to be configured with the correct encoding profile so the device is able to stream. Resolution options are available based on camera support integration, so be sure to choose from the resolutions available on the Dashboard rather than within the camera.

- Under the **Stream** tab, select Stream Profiles.
- Create a new profile titled Main Stream and select H.264.
- Under the General section, set the Frame Rate to 12 FPS.
- Click Create.
- Create another profile titled SubStream and select M-JPEG.
- Under the General section, set the Frame Rate to 8FPS.
- Click Create.

Image	Stream	Overlay	PTZ	Privacy mask	Apps	System	
		Genera	al —				H.264 encoding
		Strea	am profile	S		Zipstream Low V	
		Resolut	ion 204	48x2048 (1:1) ▼	(i)		Dynamic FPS
		Frame r	ate (	030] (0 = ~	) fps		Dynamic GOP
		Compre Low	ssion	0	P-frames 31 [01022]		

#### Advanced Settings: In the **System** tab select **Plain Config**



Select the **Network** option In this section,

disable the following options: Bonjour, IPV6, ZeroConf, UPnP

Plain config	Bonjour	IPv6
To see the effect of your changes, you might have to refresh the webpage or restart the camera.	Enabled	Accept router advertisements
Bandwidth	Friendly name	ToroConf
BasicDeviceInfo	AXIS P1435-LE - ACCC8EDCF98E	Zerocom
Brand		Enabled
HTTPS	UPnP	
Image	Enabled	
Image Source		
Input		
IOPort	Once these options are disabled, select	Save and reboot the device.
Layout		
Mechanics		
Network >		

#### Configuring 2N Axis Cameras:

Supported Axis cameras:

Properties

- 2N Axis Base
- 2N Axis Solo
- 2N Axis Style
- 2N Axis Verso

The minimum firmware required for adding the cameras is: 2.38.0.50.3. Models not listed above (under cameras and firmware) are not compatible with ONVIF.

Note: 2N IP Axis doorbell cameras cannot be reached via cloud tunnels (Satellite VPN icon) at the moment. All tunnels to these cameras must be established locally.

Follow these steps to configure the cameras:

- ONVIF must be enabled and ONVIF credentials made as Administrator (important).
- RTSP Server Enabled Yes
- H.264 video encoding is set to 15 fps and HD1 (720) or HD2 (1080) resolution.

• MJPEG video encoding is set no higher than 6 fps and CIF resolution.



The camera will then populate the Available Cameras section of the dashboard.

- Click the green "plus" icon and fill out the camera's username and password with the information you created for the ONVIF profile.
- Adjust the Resolution and Retention settings as needed.
- Click Save. The camera will then be attached to the account.

Available Cameras	1 - 10 of 44 (K < > ) Search	0
Status Name	Bridge	Actions
8		+
8		+
8		+ 🛛 =

If the camera does not come online within a few moments, please reach out to our support team for assistance.



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# **Geovision IP Cameras**

**Looking up the dynamic IP address and logging in**: By default, when the device is connected to LAN with a DHCP server, it is automatically assigned a dynamic IP address. Follow the steps below to look up its IP address and log in the Web interface.



1. Download and install the GV-IP Device Utility from <u>Geovision's website</u>.

Note:

• The PC installed with GV-IP Device Utility must be under the same LAN as the camera you wish to configure.

• The Administrator username is "admin," and cannot be modified.

2. Within the GV-IP Device Utility, click the magnifying glass icon to search for the IP devices connected in the same LAN. Click the Name or MAC Address column to sort.

🚔 IF	Devic	e Utility				-	×
File	Tool	Version User Guid		<u>A</u>			 
C	K i	<b>i</b> n 🕂	🐺 🐯 .				
Gene	ral sett	ings					
Nar	me		Mac Address	IP Address 🔻	Firmware Version	NOTE	
1.	Դ	GV-AVD4710	0013E2F7D40A	<u> 192.168.0.101</u>	v1.04 2020-05-27	Please change your default password!	
2.	ல	GV-ABL2702	0013E2F7F780	<u>192.168.0.102</u>	v1.04 2020-05-27	Please change your default password!	
3.	ø	GV-ABL4703	0013E21DC232	<u>192.168.0.103</u>	v1.02 2020-05-27	Please change your default password!	
4.	-	Switch	10F013F1683B	192.168.0.249	v1.00 2020-03-30	GV-APOE1611	
٤							3
							 _

3. Find the camera with its Mac Address and click on its IP address.

- 4. First-time users will be requested to set up a password.
- 5. Type a new password and click OK.
- 6. Type your username and password on the login page and click Login.

	The GV-IF	Device Ut	ility Wine	dow			
0	2 3 Device Utility	4 5	6			- 1	- ×
		* 🤔 🗱	<u></u>				
Nam	e 🔺	Mac Address	IP Address	Firmware Version	NOTE	Internal Temp	Time o
202	🔗 GV-EBL 1100	0013E2FF1288	192 168 7 142	v1.11 2017-12-08	GV-EBL1100(128M)		2019/
203.	GV-EBD8700	0013E22401D4	192 168.7 183	v1.00 2019-03-15	GV-EBD8700		
204.	GV-EBD4711	0013E2FACDB5	192 168 4 142	v1.06 2019-03-15	GV-EBD4711		
205.	GV-EBD4700	0013E2FA1909	192 168 7.144	v1.05 2018-07-03	GV-EBD4700	-	
206.	GV-EBD4700	0013E2FA3115	192.168.7.110	v1.06 2019-03-15	GV-EBD4700		
207.	GV-EBD2702	0013E2F7750E	192 168.6.75	v1.02 2019-03-15	GV-EBD2702		
208.	GVDSP-LPRv2	0013E2030D74	192.168.1.129	v2.33 2018-07-20	GeoVision_GV-DSP LPR V2/V3		2000/
~	A 010040001				01004505 (4000		~~~~~
e co 10.	ontrols in the w	/indow:	Descriptio	on			
1	Search		Searches	for any GV devices	under the same LAN.		
2	Auto Set IP Addr	ess	Automatic	ally assigns unused	IP addresses on the LAN to the dev	ice	
3	Add		Adds a GV	device to the list.			
5	Configure		Specifies a	a network adaptor.	•		
6	Check the Latest	Firmware	Lists all G	/ devices with new	er firmware available.		
7	Tool (on the mer	iu bar)	Contains t optional f	hese features: Tem unctions, UPnP fur	perature Monitoring, GV-Software action (enables and disables UPnP)	Camera Setting, Expo	ort/Impor
	10.4.1.1		Click on th	e field to access th	e Camera Web Page which include:	Live View & Camera S	ettings.

7. Click onCamera IP Address (item 8 in the graphic above) and log in with Admin and your password on the screen below.

- Geovision Inc IP Camera - Wind	ows internet Explorer		
🕒 🕑 👻 🙋 http://192.168.0.10/ssi.c	gi/Login.htm 💌	😥 🕂 🗙 🌌 Live Search	8
Elle Edit Yew Favorites Iools He	p		
🛓 Favorites 🛛 🙀 🔊 Suggested Sites 🔹	Pree Hotmal 🖉 Web Sice Gal	ary <b>-</b>	
🔏 GeoVision Inc IP Camera		🚵 • 🔝 · 🖃 🖶 • Bage • Safety •	Tgols + 🔞 -
GeoUision	in c	IP CAMERA SETUR	•
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	Login		
	Login:		
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	Login: Password:		1
	Login: Password:		1
	Login: Password:		
	Login: Password:		
	Login: Password:		

8. Under Setup -> Common, click on the OSD (On Screen Display) button.

GeoUision: E Live View	📰 Playback 🗔 F	Photo Setup	
Common	Basic Info		
<ul> <li>Basic Info</li> </ul>	Basic Info		Common Configuration
Local Parameters	Model	GV-AVD2700	
Network	Firmware Version	V1.04_2020_04_23	Network
Time	Hardware Version	A	
Server	Boet Version	V2.0	L Time
	Sarial No.	210235T88L3186000029	
Variation	Network	192.168.5.220/255.255.248.0/192.168.0.1	OSD OSD
Network .	MAC Address	00:13:e2:17:58:36	
V10c0 & A11010	Seature		<b>U</b> ar
Image			
Intelligent	System lune	2020(3)13 (0(33)27	
Events	Operation Time	6 Day(s) 6 Hour(s) 40 Minute(s)	
Storage	Refresh		
Security			
System			

9. Disable any OSD overlays, and save changes.

	Enable	No.	Overlay OSD Content	X-Axis	Y-Axis
The second se		1	≺Date & Time≻ 🖌	2	3
		2	Camera 01 🖌	85	90
		3		2	75
Contraction of the second		4		0	0
		5		0	0
		6		0	0
		7		0	0
		8		0	0
	Displa	y Style			
Un-check (disable) all	Effect		Background V		
	Font Si	ize	Medium 💙		
	Font C	olor	#0000-1		
	Min. N	largin	Single 🗸		
	Date F	ormat	dd/MM/yyyy 💙		
	dd=Da	ey; dddd=	=Day of the week; M=Month; y=Year		
	Time F	ormat	HH:mm:ss 💙		
	h/H=1	2/24 Hot	ar; tt=A.M. or P.M.; mm=Minute; ss=Second		
	-				

- 10. Under Setup -> Video perform the following actions:
- 1) Change to H.264.

\_\_\_\_\_

- 2) Enable Sub Stream.
- 3) Change to MJPEG.
- 4) Save changes.

Capture Mode	2880×1620@30	~	2		
Main Stream	1		Enable Sub Stream	3	
Video Compression	H.264	~	Video Compression	MJPEG	~
Resolution	2880×1620	~	Resolution.	640×360	~
Frame Rate(fps)	30	~	Frame Rate(fps)	30	*
Bit Rate(Kbps)	3072		Bit Rate(Kbps)	1024	
Bitrate Type	VBR	¥	Bitrate Type	VBR	$\checkmark$
Image Quality	Bit Rate	Quality	Image Quality	Bit Rate	Quality
I Frame Interval	60		l Frame Interval	60	
GOP	IP	$\sim$	GOP	IP	$\sim$
Smoothing	Clear	Smooth	Smoothing	Clear	Smooth
Smart Encoding	Off	$\sim$	Smart Encoding	Off	~
4					

11. Reboot camera, go to Eagle Eye VMS and add the camera to the Bridge/CMVR.

## Hanwha Q Series Cameras

Hanwha Q series cameras work well with Eagle Eye Networks Cloud VMS, but must be set up correctly to prevent constant motion recording. The steps below will walk you through the setup.

**Step 1**: Log in to the <u>camera</u>. You may do this locally before adding the camera to Eagle Eye Cloud VMS or you may VPN into the camera after it is added to the VMS using the Eagle Eye Web User Interface. Once you are logged into the camera, click the gear icon at the top to access the settings.

**Step 2**: Under Basic/Video profile, select H.264 and change the ATC Mode from Disabled to Enable - Control Compression.



Step 3: Set Sensitivity from Very High to Normal. Press Apply.

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i≣ Basic	~		0	H.265	H:	265		
Video profile			0	MOBILE	MJI	PEG		
User			Name	H 264				
Date & Time								
IP & Port			Codec	H.264	*			
	<		Profile type	Default profile				
				Record profile				
A Network	<			Frame Lock profile	Frame Lock profile			
🌲 Event	<		ATC mode	Enable - Control compre: 🛩				
T Analytics	<			Sensitivity	Very high	~		
1				Limit	Very low Low	% (10	~ 50)	
o System	<				Normal			
Open platform	<	Profile properties	Resolution	1920 X 1080 (16:9)	High Very high			
			<b>-</b> .					
			Frame rate	12		tps		
			Maximum bitrate	1536		kbps (1536 ~ 122	88)	
		Advanced	Bitrate control	VBR	~			

**Step 4**: Repeat the process for the Mobile Profile.

These steps need to be completed for every camera. Once these are complete on the camera, no additional steps need to be taken on the Eagle Eye Cloud VMS.

## **Hikvision Cameras**

- 1. Log in to the <u>Hikvision</u> <u>camera</u>.
- 2. Select System>Security.
- 3. Select Security Service
- 4. Deselect Enable Login Lock.
- 5. Click Save.

н	KVISION®	Live View	Configuration	
E	System	Authentication	IP Address Filter	Security Service
	System Settings	Enable S	SH	
	Maintenance	Enable III	egal Login Lock	
	Security	_		
	User Management	E	Save	
G	O Network			
ç	Video/Audio			
1	Image			
Ë	Event			
E	Storage			

#### Set up ONVIF:

- 1. Log in to the Hikvision Camera.
- 2. Select Network>Advanced Settings.
- 3. Select Integration Protocol.
- 4. Select Enable Hikvision-CGI.
- From the Hikvision-CGI Authentication drop-down select Digest. (If Digest&WS-UsernameToken is available, use this instead.)
- 6. Select Enable ONVIF.
- 7. Add a User, with the same login information as the camera, at Administrator level.
- 8. Click Save.

HIK	VISION®	Live View		Configura	ation					<b>≯</b> □	ownload Plug-in
	System	SNMP	FTP	Email	Platform Access	HTTPS	QoS	802.1x	Integration Protocol	Network Service	HTTP Listening
Ø	Network	🖌 Ena	able Hik	vision-CGI							
	Basic Settings	Hikvisio	on-CGI A	Authenticat	digest		~				
	Advanced Settings	🖌 Ena	able ON	VIF							
<u>Q.</u>	Video/Audio	ONVIF	Version		18.12						
14	Image	Use	r List						[	Add Modify	Delete
₿	Event	No.			User Name					Level	
6	Storage	1			onvif				Adm	ninistrator	
				Save							

#### Disable on-screen display:

- 1. Log in to the Hikvision Camera.
- 2. Select Image>OSD Settings.
- 3. Deselect Display Date.
- 4. Click Save.

HIKVISION®	Live View Config	juration				
E System	Display Settings OSD	Settings Privacy Mask				
Network	Character Set	GBK	~			
Video/Audio				Display Name		
🔝 Image				<ul> <li>Display Date</li> </ul>		
Event				Display Week		
Storage				Camera Name	Camera 01	
				Time Format	24-hour	~
				Date Format	MM-DD-YYYY	$\sim$
				Text OverLay		
				□ 1		
				2		
				□ 3		
				□ 4		
			ie io			
	Disalau Mada	Not transmit 9 Not floor	hina			
	Display Mode	Not transparent & Not has	aning 🗸			
	East Color	Plack&White Solf adaptiv				
	Alignment	Custom	· ·			
	Aigmitent	Custom	•			
	E Save					

Note: The OSD can cause motion events in the Eagle Eye system triggering recording, making this step necessary to reduce bandwidth and unnecessary data retention.

#### Mainstream and sub-stream configuration:

<u>Mainstream</u>

- 1. Select Video/Audio>Video.
- From the Stream Type drop-down select Main Stream (Normal).
- 3. Select the preferred Resolution.
- 4. Select 12fps for the Frame Rate.
- 5. Select H.264 for Video Encoding.
- 6. Ensure H.264+ is OFF.
- 7. Click Save.

HIKVISION®	Live View Configur	ation
Image   Image	Live View Configur Video Audio ROI Stream Type Video Type Resolution Bitrate Type Video Quality Frame Rate Max. Bitrate Video Encoding	ation Display Info. on Stream Main Stream(Normal) Video&Audio 1280*720P Variable Medium 12 fps 1000 Kbps H.264 V
	H.264+ Profile I Frame Interval	OFF  Main Profile
	SVC Smoothing	OFF
	🖹 Save	

#### Sub-Stream

- 1. Select Video/Audio>Video.
- From the Stream Type drop-down select Sub-stream.
- 3. Select the preferred Resolution.
- 4. Select 8fps for the Frame Rate.
- 5. Select MJPEG for Video Encoding.
- 6. Select Save.

HIKVISION®	Live View Configu	ration
System	Video Audio ROI	Display Info. on Stream
Network	Stream Type	Sub-stream 🗸
Video/Audio	Video Type	Video Stream 🗸
image	Resolution	320*240 🗸
Event	Bitrate Type	Variable ~
Storage	Video Quality	Low
	Frame Rate	8 v fps
	Max. Bitrate	50 Kbps
	Video Encoding	MJPEG 🗸
	I Frame Interval	50
	🗎 Save	

#### Time settings:

- 1. Select System>System Settings.
- 2. Select Time Settings.
- 3. Ensure the Time Zone is correct.
- 4. Click Save.

HII	VISION	Live View	Playback	Picture	Configuration
Ģ	Local	Basic Information	Time Settings	DST RS232	
	System	Time Zone	(GMT-0	5:00) Eastern Tim	e(US&Canada) 🗸 🗸
	System Settings	NTP			
	Maintenance				
	Security	Server Address	time.win	idows.com	
	User Management	NTP Port	123		
Ð	Network	Interval	1440		min
<u>Q.</u>	Video/Audio		Test		
1	Image	Manual Time S	Sync.		
圁	Event	O Manual Time S	Sync.		
B	Storage	Device Time	2023-08	-08T03:27:18	
		Set Time	2023-08	3-07T14:27:00	Sync. with computer time
		🗎 Sa	ive		

If there are any issues selecting the time zone, attempt to sync with computer time.

# iPro Cameras

Connect your laptop to the switch with the cameras after downloading the i-Pro Configuration Tool from <u>iPro's website</u>.

This should be the switch connected to the CamLAN port on your Eagle Eye Bridge/CMVR.



#### Navigating the Configuration Tool:

After launching the application, select Change IP address and Administrator Registration, then click Next.

-	<ul> <li>Intel(K) Etr</li> </ul>	ernet Connection (4) I219-UM		
the start mode. Basic mode				
ase select the task icons what you	would like to a	do.	Ma	intenance
Change IR address		C Dourlos	d Ellor	intenance
Change in address		U Download	01.002	
Administrator Registration	J	Upload F	iles	
		(B) Update F	irmware	
		Camera l	Reset / Rest	tart
Professional mode	bla			
Change IP address	<b>P</b>	Administrator Registration	50	Configure Cameras
Configure Recorders	cei	Send a CGI List		Configure IEEE 802.1X
<ul> <li>Download Files</li> </ul>	t	Upload Files	莳	Update Firmware
Camera Reset / Restart				
Camera Reset / Restart	vent at startur	automatically		

#### 1. Make sure DHCP is enabled.

I-PRO Configuration Tool -	[192.168.0.222/24]	New Open	Save Manual	Option 💶 🗖 🗙
=	Change IP address	(Search All) • Tilter	EQ~ e	×
Select Menu     Change IP address     Administrator Registration	No image	No Image D	No Image 140552 @	Addresses automatically)     Start P addresses automatically)     Start P address     192 , 168 .0 223     Ascending order -     Port No.     HTP HTTPs     S0 443
	Main Message Mellin & Message are duplicated Ac Mellin & Message are duplicated Ac Mellin & Mellin	Control List	IP a jister Administrator user. 192 jister Administrator user. 192 jister Administrator user. 192	Net mask 255 . 255 . 255 . 0 Default gateway 192 . 166 . 0 . 1 Click [Confirm] button to search for available IP addresses. The checked device will be assigned the same subnet mask and default gateway as the PC. O Change IP addresses individually.
	Selected / Registered devices : 4/4			Confirmation

2. Enter camera webpage; default username/password are admin/123456

P address 92.168.0.23 & 92.168.0.20 & 92.168.0.21 &	Model Camera title MAC Address \$131 WV-\$1131 \$1131 WV-\$1131 \$1131 WV-\$1131 \$2531L WV-\$2531L Input	Serial No. Version HTTP(5) 423 80 423 80 423 80 423 80 423 80	Camera Camera Recorder Recorder
92.168.0.20	51131 WV-51131 51131 WV-51131 52531L WV-52531L	4.23 80 4.23 80 4.23 80	Recorder Username
	Input		
			<ul> <li>Show the entered characters for Password as it is.</li> <li>Use this settings next time</li> </ul>

#### 3. Go to Detailed Setting.

PRO	Network Camera WV-U2130LA	WV-U2130LA		H.264, 128	0x720, 12 fps	@ - @ - @ [] 2@
	Rasic	Stream	Line cult			Detailed setting
	Basic		OSD	2		
	Camera title		Camera title on screen display	Camera title on screen	Camera title position	
	WV-U2130L	LA	Off		Upper left 🗸 🗸	
	Image rotation		Character size			
	0 *(Off)	~	100% ~			

4. Under Basic -> Make sure Date and time is off, and OSD is off.

5. Verify H.264 is enabled for the first stream, and that the second stream is MJPEG.

Network Carnera WV-U2130LA		WV-	U2130LA		
Live	Setup		Basic	SD memory card	
+Ext. software			Menu language		English 🗸
			Camera title		WV-U2130LA
-Easy Setup Internet				Date/time	Oct         ✓         2023 ✓         17 ✓         36 ✓         17 ✓           Set PC time to the camera
Event action				Date/time display	Oon (e off)
Basic Basic SD memory card				Time display format	240.90
				Date/time display format	Mmm/DD/YYYY +
+Image		Time & date	Date/time position	Upper left 🛛 🛩	
+Alarm +User mng. +Network				NTP	NTP >>
				Time zone	(GMT-07:00) Arizona
+Schedule +Maintenance			Summer time(daylight saving)	Out 🖌	
+Support				Start time & date	Month Day Time
				End time & date	Month Day Time
				(	Set

6. Reboot camera, navigate to Eagle Eye VMS and add the camera to the Bridge/CMVR.

EAGLE EYE		<u></u>		unde dit 10 de la Contra	del de 1944 de combo en selo de composit	🌲 Rickey Mapp (Training Video) 👻 🛤	17.00.10
	🖨 Bridges / I	Cameras					0
불 Users 0	Statue		Name	Tags	Location / Address		
<b>∦</b> Installer Tools	0	8	Training (D cameras, 4 available cameras)	EEN-BR324-26339		•	
	Available	Cameras					
nki B	Status	Name			Bridge	Actions	
	0	General SC-I	EP104LWEI2 400 General C0 3 T. build: 2019-01-09 (192.168.0 1	62)	Training	+ 2	
	0	HIKVISION	05-2022432F-W(V5.4.5 build 170123 (10.143.227.142)		Training	+ 2	

# Mobotix/MOVE Cameras

To ensure your Mobotix camera integrates with the Eagle Eye Cloud VMS properly, the following configuration specifications need to be met.

After logging in to the camera, navigate to the *Admin Menu* in the top-left corner. Go to the Network Setup section to configure the IP and HTTP settings.

Network Setup	<u>Test Current Network Configuration</u> <u>Ethernet Interface</u> (for experts) <u>Web Server</u> (for experts)     SNMP Configuration (for experts)
	<u>Routing</u> (for experts)
	<ul> <li><u>Dynamic DNS Client</u> (for experts)</li> </ul>
	General Network Client Settings (for experts)     Open/VPN Client Settings
	- <u>Openviriv Gient Settings</u>

Ethernet Interface: Change to a static IP, or set dynamically as needed. Web Server: Disable HTTPS for ease of integration.

Go to the Camera Administration section.

Camera Administration	Quick Installation     Time & Date     LED Setup     Time Tables for arming and services     Time Tables for arming transfer and other jobs     Integration Protocols for video streaming (PTP server configuration)
	Integration Protocols for video streaming (RTP server configuration)     Smart Data Configuration

Select Integration Protocols to configure this protocol.

▲ Not secure 167.94.38.114:5	6037/admin/integrationprotocol	Ь			
n 🔶 MOBOTIX D16 m	x10-22-92-37 Integration Pro	otocols			00
Integration Protocols					
Protocol	ONVIF	~			Change
<ul> <li>Global Settings</li> </ul>					
Multicast Interface	All interfaces	×			Select the interface (IP) that is used when sending Multicast packages. The Multicast video stream will only be available from that IP address.
RTSP Port	554			Port to use for the RTSP server.	
RTSP-over-HTTP Tunnel				Activate the RTSP-aver-HTTP tunnel.	
RTSP Client Setup		0			Allow client to set larget IP address and port for multicast streaming.
<ul> <li>Aspect Ratio</li> </ul>					
Aspect Ratio	Free	v			Select an aspect ratio for the RTP video streams. The option "free" forces the RTP server to use the aspect ratio of the video stream as configured in General Image Settings. The options 4.3, 3.2 and 16.9 allow the RTP server to reconfigure the image generation on the camera as required by the active streams.
<ul> <li>ONVIF Settings</li> </ul>					
Discoverable					Activate the ONVIF discovery service
Scopes	location/Unknown				ONN# scopes lat
Profiles	Default H.264 Profile (H264_defau Default MJPEG Profile (MJPEG_d Reset profiles.	ult_profile) lefault_pro	) ofile)		ONNE Public tot
OSDs	Reset OSDs				ONVER OSD list
Users	Name admin Add User	Access Level admin	Password Change Password	×	ONVF users lot. Users with an exclamation mark still have the original and uncharged password. Please charge the password for hose users.
Set Factory Restore	lose				

- Ensure the active Protocol is ONVIF.
- Check Discoverable, under ONVIF Settings.
- Add a user with Admin access.
  - It is best to match the camera login and ONVIF login for best integration.

• Click Set to confirm the configuration.

Note: The aspect ratio can be set to Free. However, special features (PTZ, Fisheye, Thermal, etc.) only work with a fixed aspect ratio. If you don't see the Fisheye / PTZ tab in the camera settings on the Dashboard, set an aspect ratio here.

Ensure the camera's firmware is up-to-date as per the Mobotix website. You can check the current firmware version via the System Information menu under Hardware and Release Information.

System Information	<ul> <li><u>Hardware and Release Information</u></li> <li><u>Camera Status</u></li> <li><u>Temperatures</u></li> <li><u>System Messages</u></li> <li><u>Error Notification</u></li> <li><u>Download Support Information</u></li> </ul>

#### MOVE Cameras

MOVE cameras are not Mobotix in the classic sense as they are made by a different manufacturer. This makes them much simpler; you'll find that they are very similar to most other IP cameras you work with.

Click on the Streaming tab at the top.

MOBOTIX	1016	Home	System	Streaming	Camera	Logout	C Engl	ish 🗘
Video Configui	ration							
stream 1								
Encoding	Yes		\$					
Encode Type	H.264		¢	Profil	le Ma	ain profile		\$
Resolution	2592 x 1944		\$	Frame	erate		12	Å T
Rate Control	CBR		\$	Bitrat	te 📃	-	5000	Å
				GOVI	Length 📕		48	Å T
stream 2								
Encoding	Yes		\$					
Encode Type	MJPEG		\$	Q Fa	actor	-	28	÷.
Resolution	1280 x 720		\$	Fran	merate 🗕	-	8	Å.
stream 3								
Encoding	Yes		\$					
Encode Type	MJPEG		\$	Q Fa	actor		60	Å V
Resolution	1920 x 1080		\$	Fran	merate		25	Å

Stream 1: Encode Type H.264, Framerate 12fps Stream 2 or 3: Encode Type MJPEG

Note: Some MOVE cameras do not allow the second stream to be set to MJPEG. In that case, instead change stream 3 to MJPEG.

There are no special ONVIF settings that need to be changed.

# **Pelco Cameras**

Download the Pelco Camera Configuration Tool from <u>Pelco's website</u>, and connect your laptop to the switch with the cameras. This should be the switch connected to the CamLAN port on your Eagle Eye Bridge/CMVR.



After you log in to all the cameras, the application window presents you with a list of all the cameras that were automatically detected in the system.

		Q,	Model Q	Name 🖉 Q	Head #	Location 🖉 Q	Disable Camera Status LEDs 🛛 💋 🔾	Date First Discovered	Date Last Discovered
Veb UI	1010	*	3.0C-H4A-25G-B1(SSD)	Lobby cam 1	1	Head office		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Web LUI	200	-	H4A2	Elevator 2	1	Head office	2	4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Veb UI	2010	-	5.0L-H4A-BO2-IR	Elevator doors ground floor	1	Head office		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Web UI	1945	*	5.0-H3-B2	Elevator 1	1	Head office		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Neb UI	100	~	8.0-H4A-DO1-IR	Back door	1	Marine way store	2	4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Veb UI	2015	*	2.0W-H3PTZ-DP20	Emergency exit SE	1	Head office		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Web.LUT		×				Location 17136		44/2021 1.52-69 PM	44V2021.208.15 PM
Web UI	1010	*	29MP-HD-PRO-M	Front door	1	Industrial ave store		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Neb UI	1942	~	5.0L-H4A-802-IR	Lobby entrance	1	Head office	2	4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
Veb UI	1965	~	8.0-H4A-DO1-IR	Back door	1	Industrial ave store		4/6/2021 1:52:49 PM	4/6/2021 2:08:15 PM
						c		-	
								3	EDITED 0. TOTAL

1. **Menu bar** - the camera settings tabs are displayed on the left, and the additional task menu is available on the right.

2. Camera list – the list of discovered cameras and their related settings.

3. **Implementation area** —this displays the total number of discovered cameras, and the number of cameras with pending setting changes. Changes are not implemented until you click **Apply**.

#### 1. On the network tab, enable DHCP.

🔕 Came	ra Conf	iguratior	n Tool - 2	.6.0.0									
General	Netwo	ork M	ulticast	TLS	Image	Settings	Admin User	s Analytics	All Settin	gs Connection	Credential	s Firmware Upd	ate
		Q	Model			QI	lame	🗾 Q	Head #	Enable DHCP	🖪 Q	IP Address	🗾 Q
<u>Web UI</u>		∽≙	8.0-H4/	A-BO1	-IR	ä	acc/Front - 8.0-	H4A-BO1-IR	1	<b>v</b>		10.143.130.169	
Web UI		∽≙	2.0-H3-	-DO1		a	cc/Back ALLY -	2.0-H3-DO1	1			10.143.127.43	
Web UI	1.30	∽≙	5.0-H3-	-B2		ä	acc/Front Door	- 5.0-H3-B2	1			10.143.216.168	
										<			

2. In Image Settings, choose H.264 Encoding.

🙆 Came	era Confi	guratio	n Tool - 2.6.0.0										
General	Netwo	rk Mu	ulticast TLS Im	age Settin	<b>gs</b> Admin Users	Analytics	All Settin	gs Connec	tion Creden	tials Firmware I	Jpdate		
		Q	Model	٩	Name	<u>7</u> Q	Head #	Encoding	🗷 Q	Flicker Control	🖉 Q	Enable WDR	<u>7</u> Q
Web UI	設置が出	••	8.0-H4A-BO1-IR		acc/Front - 8.0-H4	A-BO1-IR	1	H264	~	60Hz	~		
Web UI	10000	••	2.0-H3-D01		acc/Back ALLY - 2	0-H3-D01	1	H264	Ý	60Hz	Ŷ		
Web UI	4 B.	•• 🔒	5.0-H3-B2		acc/Front Door -	5.0-H3-B2	1	H264	~	60Hz	~		

3. Enter camera webpage; default username/password are admin/admin.

Q     Model       Web UI     Image: Solution of the site is not private       Web UI     Image: Solution of the site is not private       Username     Username       Parsword     Parsword	General Network Multicast T	Sign in http://167.94.39.31:58390
Web UI E A 2.0-H3-E Username	Q Model	Your connection to this site is not private
Web UI Star 2.0-H3-E Parsword	/eb UI) 🔤 📣 🔒 8.0-H4A	Username
	<u>/eb UI</u> 🔛 📢 û 2.0-H3-[	Password
Web UI 🔤 🔨 🔒 5.0-H3-E	<u>/eb UI</u> 🔤 📢 🔒 5.0-H3-E	

4. Under Setup -> General, make sure the text overlay is disabled – OSD.

General Settin Device Name: IP Camera-I	94 9P513-ER-T31580487	Background Color: Text Color:
Time Settings Time Server: () Time Zone: () Display Fermati ()	Note DHCP  Manual 10 220 233 11  GMT-8  (More and a state of the state	
Text Overlay Background: ⊛ g ⊙ T	ilack Yensperent Ext.color: Eleck (w.	Preview DVc92014551500071
Content Position	Centent PTZ Direction/Pitch/Zoom	
🖉 Top Right	Date/Time 💌	
🗷 Bottom Left	Camera Name 💌	
🛛 Bottom Right	Custom Text 💌 Oldg 21 - South parking lot	(IP Comercial IPS19-66-73550457 Biolog 21 - Southparking for
A maximum of	3 Content Positions may be selected	
Save Reset		Generate System Log Rebott Carrera Defaul

5. Under Video-> verify that the first stream is set to H.264, and the second stream is set to MJPEG, with IPv6 disabled.

Select Preset				
Presets are fully-configured configuration.	video configurations that offer a good b	balance of video performance to bandwidt	h. These presets may also be used as a starting point fo	or a cu
B High Primary St	nam H264, 20 IPE, 1920x1000[16:9], CVE	R 7000 kbit/sec   Secondary Stream H254, 51	IPC, 1200x720[16:0], CVBR 1750 HoH/asc	
Medium Primary Str	nam H264, 30 IPS, 1280x720[16:9], CVBR	5100 kbit/sec   Secondary Stream H264, 15	IPS, 10246576[16:9], CVBR 3300 ldit/sec	
CLOW Primary Str	nam H264, 30 195, 1024x576[1619], CVBR	5000 kbit/sec   Secondary Stream H264, 15	IPS, 640x332[16:9], CVBR 1200 kbib/sec	
Custom User specified	ied settings for Primary and Secondary Stre	sams		
Primary Stream				
4264, 30, 1024×576[16:9], C	VBR 5009 kbit/waa, High			cl
Compression Standard:	H264 V	QoS (DSCP) Codepoint:	34	
Resolution:	1024x570[10:9] 💌	Enduro Signing:	E (Lower framerate possible when Endura Signing ON)	
Rate Control:	CVER •	Profile:	High 💌	
Image Rate:	30 -			
GOP Length:	30 🗘			
Maximum Eit Rate (kbit/se	c) 5000 ‡			
Secondary Strea				
MJPEG, 30, 1024×576[1619],	Mid			C
Composition Chandard:	MJPEG			
Compression acanadaran	1024x576[16:9]			
Resolution:				
Resolution: Quality:	Mid			

6. Reboot camera, navigate to Eagle Eye VMS, and add the camera to the Bridge/CMVR.

EAGLE EYE	terrente De l'al l'anni		مى يەرىپى يېرىمى يېرىمىيى يېرىمىيى يېرىمىيى يېرىكى يېرىكى يېرىكى يېرىكى يېرىكى يېرىكى يېرىكى يېرىكى يېرىكى يېر يېرىكى يېرىكى	یر از میکند. در درمز دارد از در دارد داران میکرد.	, and the state of	🎄 Rickey Mapp (Training Video) 👻 💷	170010
	🕀 Bridges / I	Cameras					0
sers 0	Status		Name	Tags	Location / Address		
taller Tools	0	8	Training (D cameras, 4 available cameras)	EEN-BR324-20339		• •	
	Available	Cameras					
	Status	Name			Bridge	Actions	
	0	General St	C-EP104LWEI2-400 General C0.3.T, build: 2019-01-09 (192.168.0	102)	Training	+ 2	
	0	HICUISION	(DS-2002432F-W)/95.4.5 build 170123 (10.143 227.142)		Training	+ 2	

# **Ubiquiti Cameras**

Download the UniFi Video Software from <u>Ubiquiti's website</u>, and connect your laptop to the switch with the cameras. This should be the switch connected to the CamLAN port on your Eagle Eye Bridge/CMVR.



The UniFi Video auto-management feature should automatically detect and install your new camera(s).

CONFIDENTIAL

CAMERAS	29 Search	а С ма	UNMAN	AGED			
Ш мар		NAME	HOST	MAC ADDRESS	LAST RECORDING	LINK STATE	
		Micro Rob	10.0.2.183	44:D9:E7:05:0B:53	n/s	Disconnected	OD LIVE FEED
		🔰 uvc-micro-android	10.0.2.130	44:D9:E7:05:08:4D	n/a	Disconnected	IVE FEED
		UVC G3 Bullet	10.0.2.149	D4:18:D6:A0:0B:22	n/a	Disconnected	00 LIVE FEED
		UVC2	10.0.2.165	D4:10:D6:A0:04:16	n/e	Disconnected	IVE FEED
		New Suite SouthEast	10.0.2.141	D4:18:D6:23:AC:5E	a Few seconds ago	📄 1000 Mbps	LIVE FEED
		UYC G3 Slim Dome	10.0.2.157	04:18:D6:A0:0C:D0	n/a	Connected	
		OpenOffice	10.0.2.181	D4:18:D6:23:8C:39	a Few seconds ago	📄 1000 Mbps	⊕ LIVE FEED     ☐
🛕 ALERTS		Aaron I Office	10.0.2.120	D4:18:16:23:7D:D2	n/a	📄 1000 Mbps	
pR USERS		Hall Closet	10.0.2.108	24:A4:3C:39:12:E6	a month ago	Disconnected	IVE FEED
🔅 SETTINGS		è Lab	10.0.2.174	24:#4:3C:39:36:#C	n/a	🗎 1000 Mbps	LIVE FEED

1. Remove the Ubiquiti camera from the NVR. It will automatically perform a factory reset.

2. Access the camera via web browser using the camera's IP Address.

3. The camera's login screen will appear. Enter your Username and Password (ubnt for both if this is the initial login to the camera). Then click Login.

U	ปที่โค่ word
	Login
	Usemame
	Password
	By logging in, you agree to the <u>Terms of Service</u> .  LOGIN

Namo			
New Suite SouthEast			U
Mode			
Unifi Video	~	J	
UniFi Video Server			
10.0.2.112		Camera Model:	UVC Dome
Connected		Mode:	UniFi Video
Display Timestamp		Connected To:	10.0.2.112
Display Logo		Uptime:	6d 1h 27m
Enable Microphone			

4. Change the mode to Standalone, and disable all OSD (On Screen Display) items.

#### 5. On the network tab, enable DHCP.

	CONFIGURE	NETWORK	SYSTEM		
Configuration Mode Static ODHCP DHCP Fallback IP Address DHCP Fallback Netmask		Carr MAU Neb Gatu Prim RX: TX:	era IP Address: C Address: mask: away: aary DNS:	10.0.2.141 04:18:D6:23:AC:5E 255.255.255.0 10.0.2.1 10.0.2.1 2844196 Kb 3853 Mb	
SAVE CHANGES	Revert				

● ● ● ◎ Zoho ● Carme ← → C 台 ≧ https://	login.eagleeye	♥EENA ♥EENA ♥EENA enetworks.com/#/dash	SEENA (SEENA)	≫E0 × ≫EENA: @mccti \ □ E	dit F 📚 Eade 🗋 IP Car ( 🕸 Eade ) mark
EAGLE EYE				💩 Mark (	Catton 👻 🔎 🥥 👻 05:57:45 PM 🧳
🗈 Dashboard	Camer	as			
EE Layouts 1	Status	Name	Tags	Bridge	Actions
e Cameras 1 삼 Users 2	0	Front Door	Inside	cotton301	0 0 2 2
🥥 Map	Availa	ble Cameras			
به API Keys	Status	Name		Bridge	Actions
	🚓 Bridge	S			
	Status	Name	Serial Number	# of Cameras	Actions
	0	RTSP	EEN-BR430-08949	0	• Ē
	0	cotton301	EEN-BR301-08412	1	◆ = fi ◆ Add Bridge

6. Reboot camera, navigate to Eagle Eye VMS, and add the camera to the Bridge/CMVR.

7. Ubiquiti will work only via RTSP stream. See Adding RTSP camera at EEN.com/support. Add the new camera in the Eagle Eye VMS and set the RTSP stream in EE to be rtsp://X.X.X.X/s2.

8. Username/password will be ubnt/ubnt or ui/ui.

Connect to Bridge		
RTSP	\$	J
Camera Name		
RTSP Example		]
Login (optional)		
Username	Pas	sword
RTSP		
192.168.11.30		]
/snl/live/1//1/Ux/		/anl/live/1/2/Ux
Examples: "snl/live/1/1/Ux/", "live.sdp", "	h264"	Examples: "snl/live/1/2/Ux/", "live2.sdp", "jpeg"

### **Vivotek Cameras**

1. Verify that the IPC is approved and compatible with the Eagle Eye Networks Cloud VMS. <u>https://www.een.com/support/camera-compatibility-digital-ip/</u>

a. Verify that the version of the IPC is compatible with the Eagle Eye Networks VMS. We recommend updating the IPC before installing it in the Eagle Eye system.

b. In the later steps below, we will need to create a User password. This is a critical step in activating the ONVIF or third-party protocol to work with our Eagle Eye VMS system.

Male         Made         Known Issuer         Cancen Features         Aulo         Pertor Resolution           VVOTDK         ABS76         PT2         Line in         distAbly         distAbly           VVOTDK         ADCV270         No         Mod         distAbly         distAbly	Video Resolution
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WV0TEK CCB30 Line in distd/ligh	cit,std.high
WOTEX CC860 100 Hatemail Pansanic View Internal MIC of 5xd	d(std.hgh/1080P
VHOTEK CCEED Manual adjacement of sub-assume to MDFEG sequend. 30 Years beamad MIC of scalar/php/28029	al,ad,high,1080P,3MP
VVOTEK CGERTHY BEgeneranic/HeB Updates Manual MC of pd	citord/Ngh/1080P3MP

2. Prepare your IPC and power the unit with a PoE switch. Below is an example of the Network and system architecture using an Eagle Eye Bridge.

Note: A Vivotek camera will be the example third-party IPC we will install on the Eagle Eye VMS.

STEP 1: Log in to the Eagle Eye Cloud VMS webpage.

💌 📚 Eagle Eye Networks / Sign in 🛛 🗙 🕂	
← → ♂ 😄 c027.eagleeyenetworks.com/login.html	
	EAGLE EYE NETWORKS EmailAdass Passed IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
	Remember me?
	Forgotten Password? Reset your password

STEP 2: Click on the Dashboard option on the left-hand side of the on-screen display.

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😂 Archive						1-343 (KC) Bagazz III V
Q, Video Search	🗰 Anailable	e Cameras				
	Status	Hane			Didge	Actions
				If you are adding a carrers or sposier and do not see it cliquinged here, please check your device an	d ensure DWVF is enabled with proper usemanie and password	

STEP 3: If you have not done so, plug the IPC into your network switch. The IPC must be part of the CamLAN network on your Eagle Eye Bridge/CMVR.



STEP 4: Verify that the Vivotek IPC is displaying in the Available Cameras section. You may need to wait 5–10 minutes or refresh the webpage for the camera to show up in the Available Cameras section.

Note: To activate the ONVIF or third-party protocol, you will need to follow a camera- or manufacturer-specific procedure to properly work with the Eagle Eye VMS. For instance, for Vivotek IP cameras, the default username is "root," and you will need to set a User Password.

STEP 5: To properly set up the IPC, click on "Open to VPN to Camera" action button. When a pop-up window appears to launch the camera connection, select "Click here to open."

Launch Camera Connection // VIVOTEK/IT9360-H 0100	
We have created a tunnel that will open in a new window. If this does not appear, please check if your browser is blocking popups, or click here to open.	Location / Address
Cancel	

STEP 6: Enter a new User password, confirm the password, and click on Next. Click on Accept and Save for the Security Agreement.

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STEP 7: You will need to sign in again to verify the Username and Password. Verify that a LIVE view of the IP camera is displayed. Once you are confirmed that the view is live, you can click Close or exit the webpage and go back to your Eagle Eye Cloud VMS.



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STEP 8: From the Eagle Eye Cloud VMS, you can click on the action button to add a camera to the account.

STEP 9: Once you click on the action button, a setup configuration dialog will appear. Input the Username/Password pair that you just created. Also, if necessary, change the Camera name, Cloud retention, scene, and Tag.

Add Camera / VIVOTER/IT1010-H/0100 - Ne	are not able to communicate with the camero without o	к
upersame and password. (18.140.208.236)		
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Scene		
Please select camera scene 🖌		
Tags:		
add a tag		
Add an and an and an and the state of		
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		sal Save

STEP 10: Verify that the status has a green check mark; it may take several (5–15) minutes to verify initiation from the Eagle Eye Networks cloud management services. You can click to refresh or reload the webpage if necessary.

Note: Below are a few examples of how status information is displayed:

#### Example of Online Camera

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#### Example of Offline Camera

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Se Archive		۲	New Cattoria 4			
P Downloads						
Q, video Search						1-4814 (11)

- Wait for 5-15 Minutes to initiate through our cloud services
- Verify that the IPC is online and is connected to the CAMLan Network
- Verify that you have the right login and password

STEP 11: Now, please verify that you have a live view on your Eagle Eye Cloud VMS web page by clicking on **Tags**, and verify all camera views are online.

