

# Gorilla

The 800-pound Gorilla of Video Big Data Technology  
Transform Your Business with Video Analytics and IoT

# VMS Quick User Manual

## Gorilla IVAR



Gorilla Technology Group, Inc.  
[www.gorilla-technology.com](http://www.gorilla-technology.com)

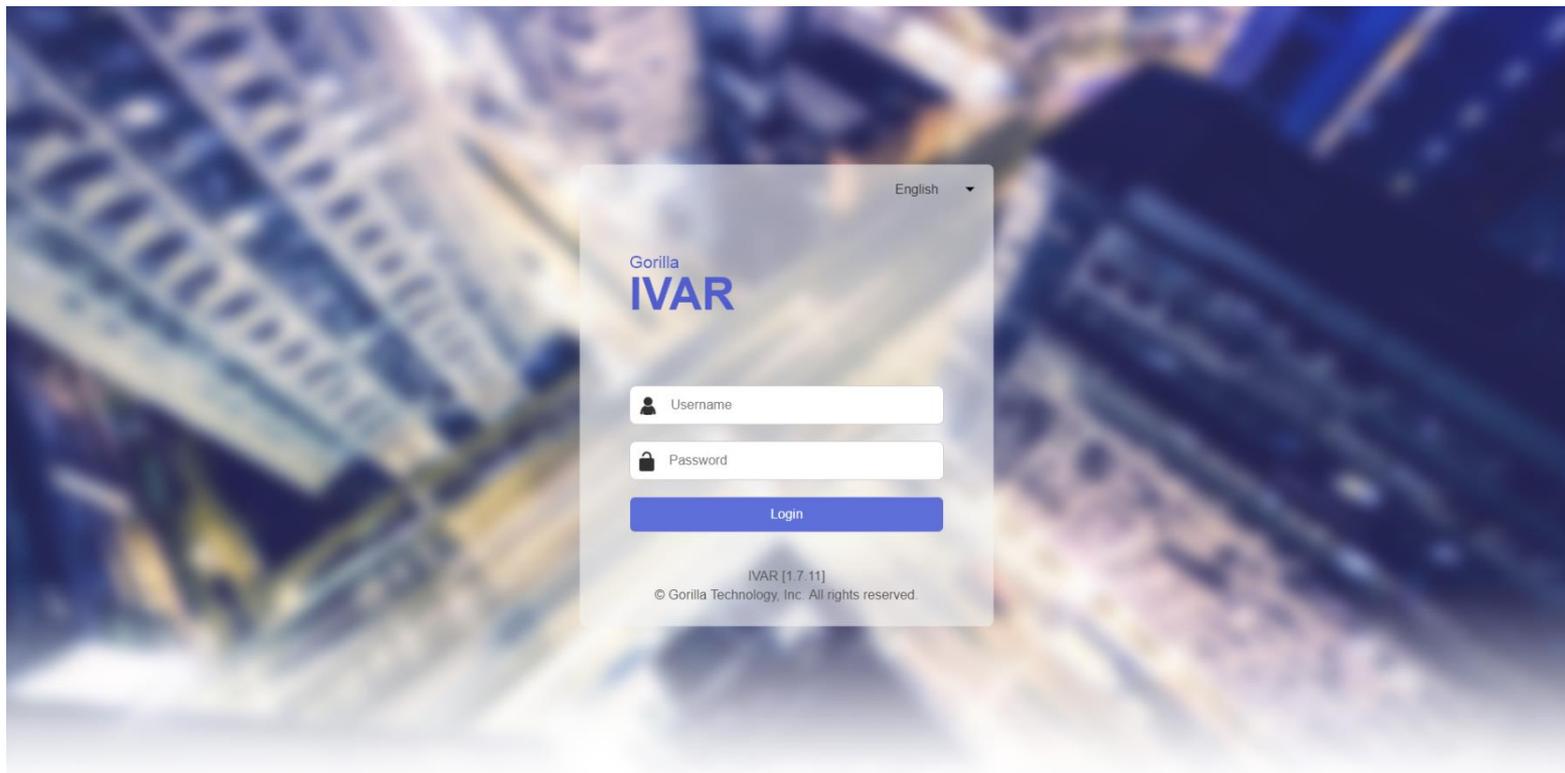
US | The Netherlands | China | HK | Taiwan | Australia | Thailand | Indonesia | Saudi Arabia



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1 Enter the username and password you created during the registration process. Click **Login**.



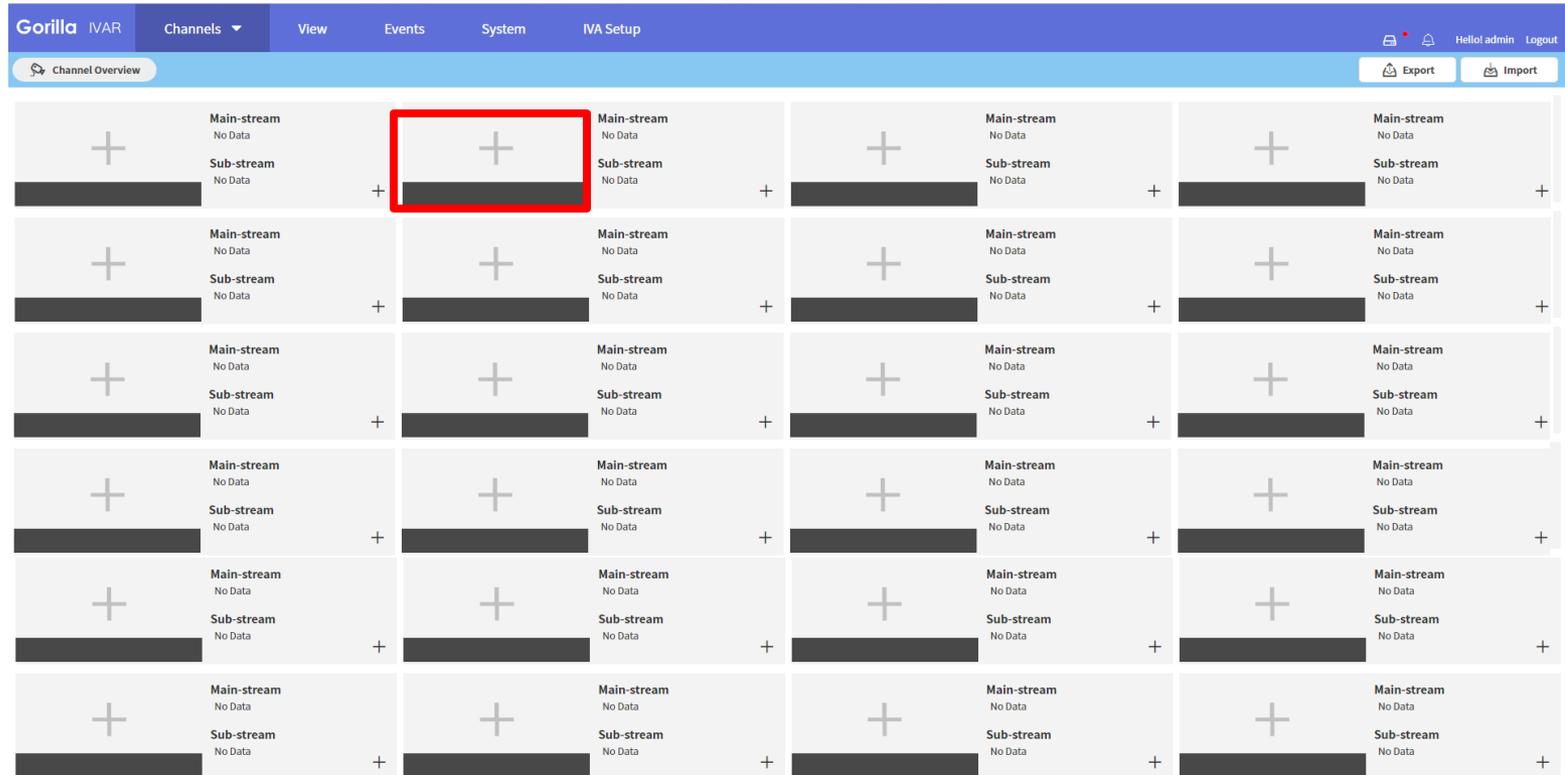
*Figure 1 – IVAR Login*



**Notice:** Please reserve the following ports for IVAR services: 3003, 3004, 8000, 8010, 8020, 8030, 8040, 8554, 15000, and 15001

**2**

Under **Channels (Channel Overview)**, click on any of the *plus (+)* signs to connect a camera to the open channel.



*Figure 2 – Channel Selection*

3 Select the **RTSP** or **ONVIF** radio button to select the camera you want to connect to the channel.

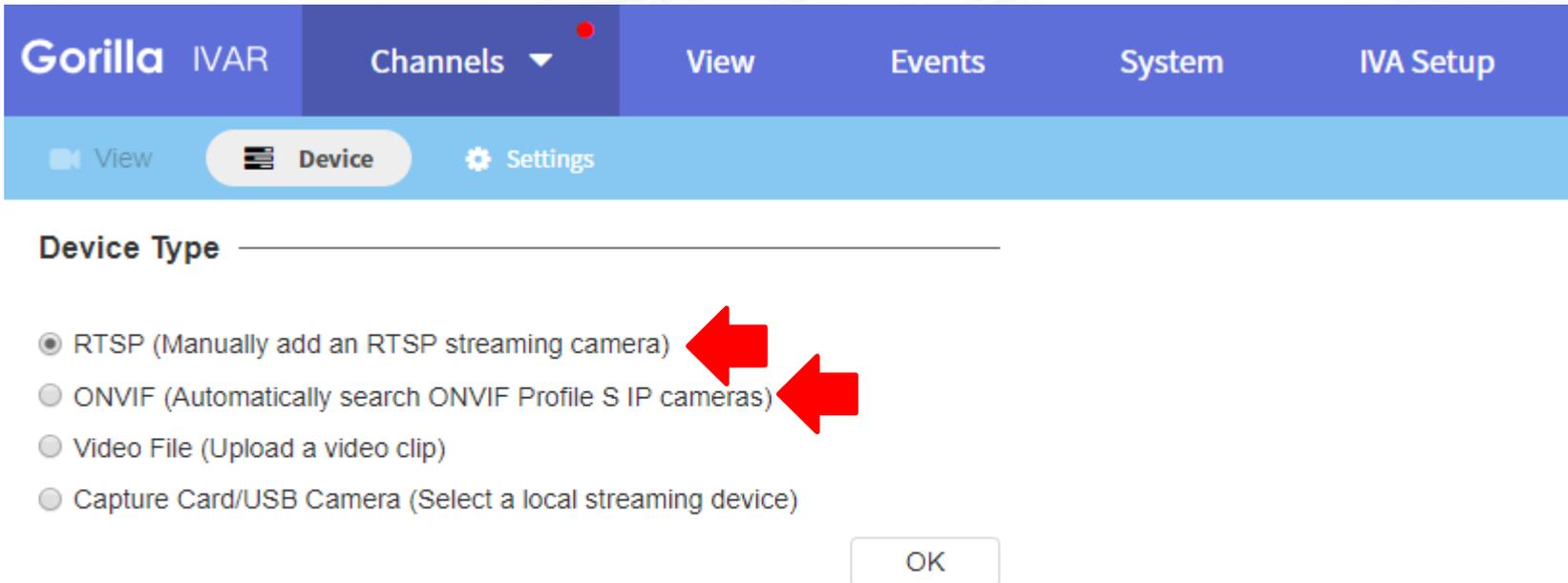
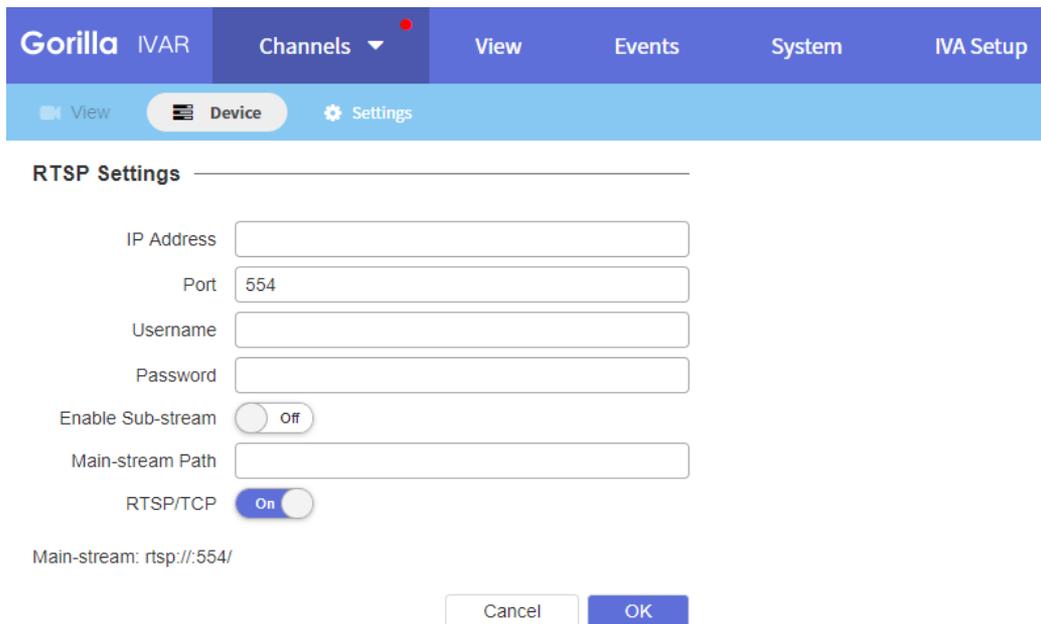


Figure 3 – Device Type

**4**For **RTSP**:

- Enter the **IP address**
- **Port** (already provided)
- **Username** and **password** (this is set by the camera manufacturer. Please check camera documentation)
- Main Stream Path (if required and denotes the camera's url)
- Enable the RTSP/TCP toggle switch to ON
- The main-stream below automatically copies the data you entered earlier and looks similar to this: Main-stream:rtsp://[ip\_address][port number][path]
- Click **OK** to save and continue.



The screenshot shows the Gorilla IVAR web interface. The top navigation bar includes 'Gorilla IVAR', 'Channels', 'View', 'Events', 'System', and 'IVA Setup'. Below this is a secondary bar with 'View', 'Device', and 'Settings' options. The 'RTSP Settings' dialog box is open, containing the following fields and controls:

- IP Address:
- Port:
- Username:
- Password:
- Enable Sub-stream:  Off
- Main-stream Path:
- RTSP/TCP:  On

Below the fields, the text 'Main-stream: rtsp://:554/' is displayed. At the bottom of the dialog are 'Cancel' and 'OK' buttons.

*Figure 4 – Device Type*

**5**For **ONVIF**:

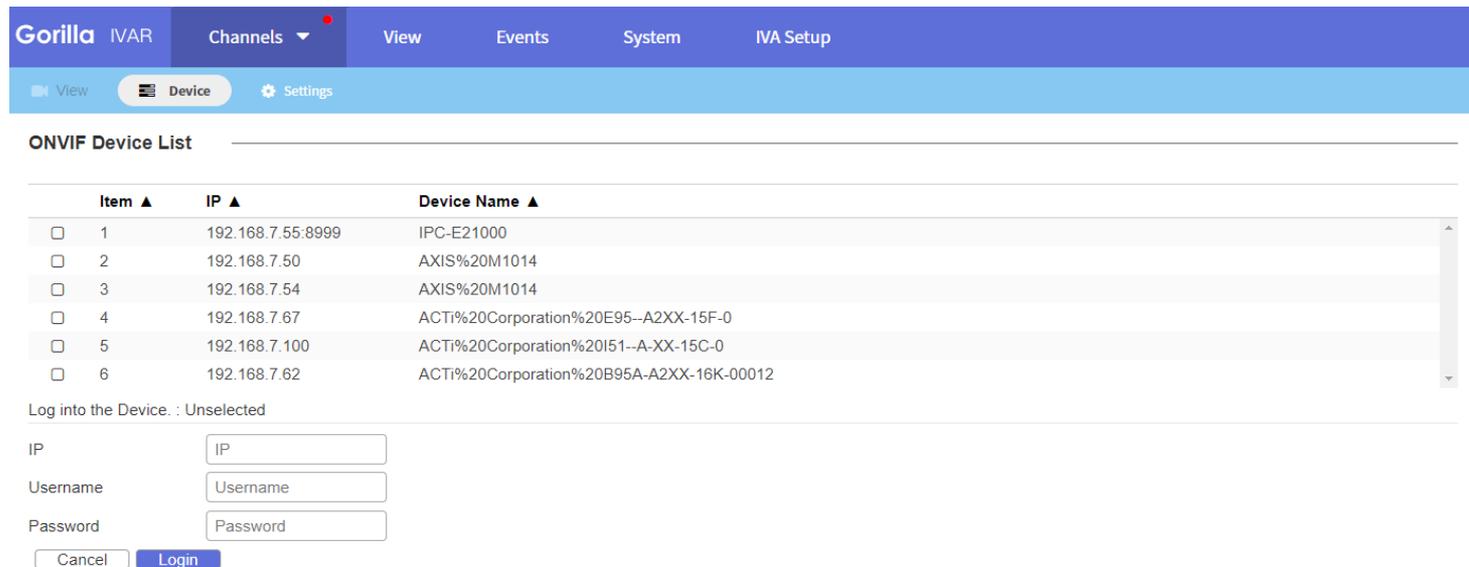
- Click the radio button next to ONVIF
- Click **OK**



*Figure 5 – Device Type*

**6**

The system searches for all **ONVIF** cameras on the network. Depending on your system, you will be able to view an *itemized display of the camera(s), IP address, and device name.*



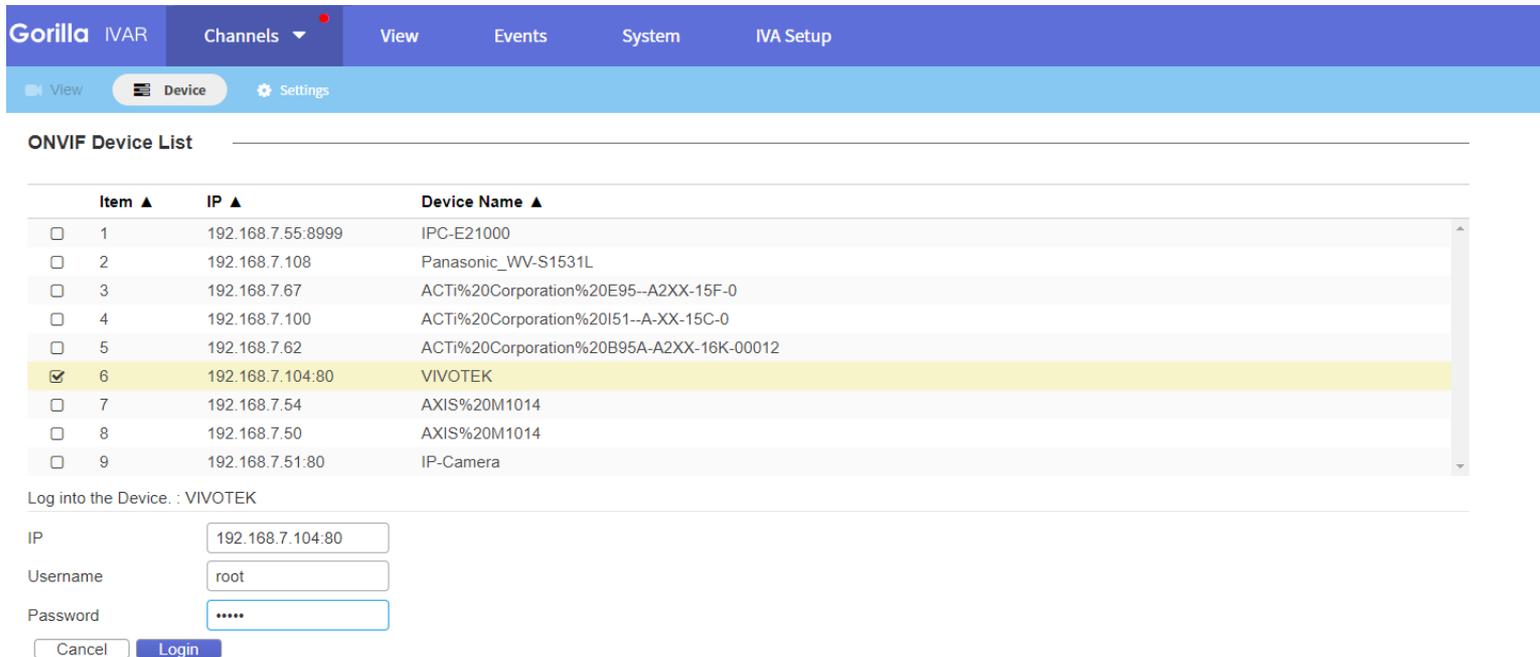
The screenshot shows the Gorilla IVAR web interface. The top navigation bar includes 'Gorilla IVAR', 'Channels', 'View', 'Events', 'System', and 'IVA Setup'. Below this is a secondary bar with 'View', 'Device', and 'Settings' options. The main content area is titled 'ONVIF Device List' and contains a table with the following data:

Item ▲	IP ▲	Device Name ▲
<input type="checkbox"/> 1	192.168.7.55:8999	IPC-E21000
<input type="checkbox"/> 2	192.168.7.50	AXIS%20M1014
<input type="checkbox"/> 3	192.168.7.54	AXIS%20M1014
<input type="checkbox"/> 4	192.168.7.67	ACTI%20Corporation%20E95--A2XX-15F-0
<input type="checkbox"/> 5	192.168.7.100	ACTI%20Corporation%20I51--A-XX-15C-0
<input type="checkbox"/> 6	192.168.7.62	ACTI%20Corporation%20B95A-A2XX-16K-00012

Below the table, there is a section for logging into a device, currently set to 'Unselected'. It includes input fields for 'IP', 'Username', and 'Password', along with 'Cancel' and 'Login' buttons.

Figure 6 – ONVIF Device Type

- 7
- Click one of *the checkbox* next to the item you want to select
  - Enter the *username* and *password* (this is the camera's username & password)
  - Click *Login* to connect the camera to IVAR



The screenshot shows the Gorilla IVAR web interface. The top navigation bar includes 'Gorilla IVAR', 'Channels', 'View', 'Events', 'System', and 'IVA Setup'. Below this is a secondary bar with 'View', 'Device', and 'Settings' options. The main content area is titled 'ONVIF Device List' and contains a table with columns for 'Item', 'IP', and 'Device Name'. Item 6 is selected, and a login form is displayed below the table. The login form includes fields for IP, Username, and Password, along with 'Cancel' and 'Login' buttons.

Item ▲	IP ▲	Device Name ▲	
<input type="checkbox"/>	1	192.168.7.55:8999	IPC-E21000
<input type="checkbox"/>	2	192.168.7.108	Panasonic_WV-S1531L
<input type="checkbox"/>	3	192.168.7.67	ACTI%20Corporation%20E95--A2XX-15F-0
<input type="checkbox"/>	4	192.168.7.100	ACTI%20Corporation%20I51--A-XX-15C-0
<input type="checkbox"/>	5	192.168.7.62	ACTI%20Corporation%20B95A-A2XX-16K-00012
<input checked="" type="checkbox"/>	6	192.168.7.104:80	VIVOTEK
<input type="checkbox"/>	7	192.168.7.54	AXIS%20M1014
<input type="checkbox"/>	8	192.168.7.50	AXIS%20M1014
<input type="checkbox"/>	9	192.168.7.51:80	IP-Camera

Log into the Device. : VIVOTEK

IP:

Username:

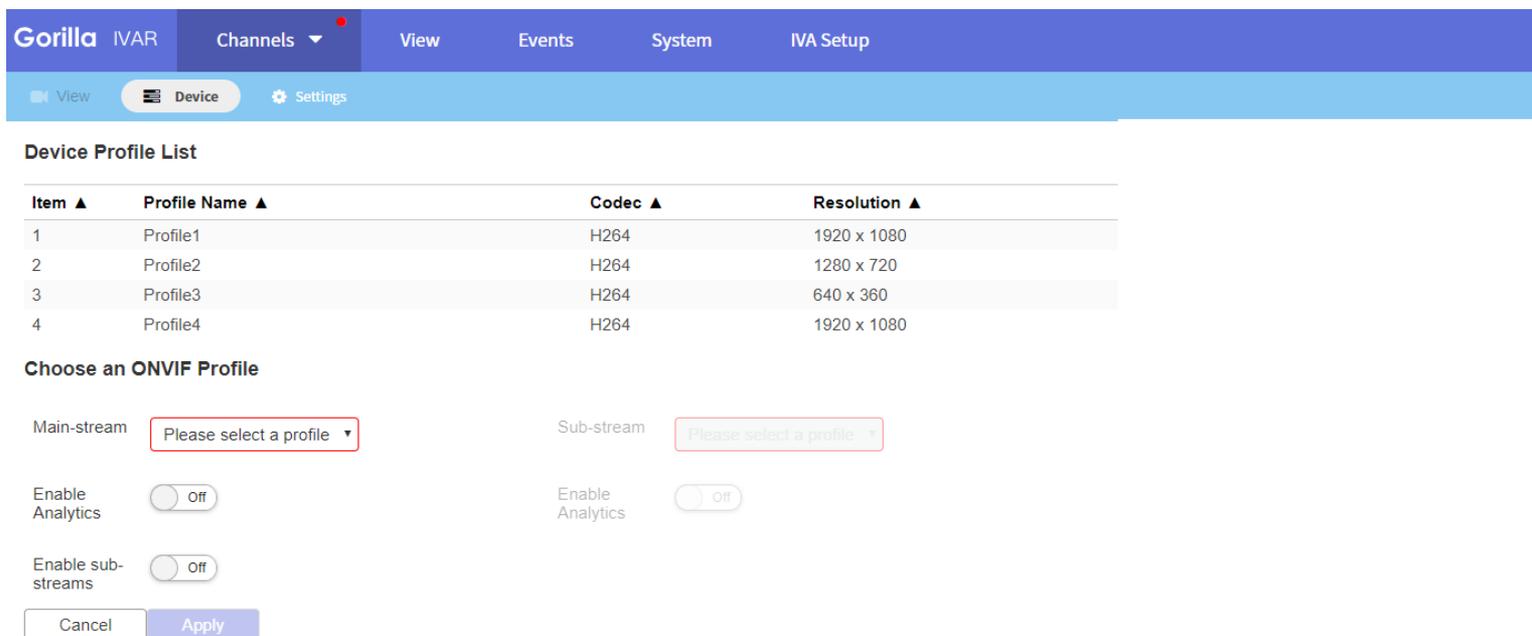
Password:

Figure 7 – ONVIF Device Type

**8**

Next, edit the **Device Profiling** section. The Device Profile List will display a list of profiles.

- Under **Choose an ONVIF Profile**, select the camera/profile you wish to use
- Toggle the **Enable Analytics** switch to **ON**
- Click **Apply** to save settings.



**Device Profile List**

Item ▲	Profile Name ▲	Codec ▲	Resolution ▲
1	Profile1	H264	1920 x 1080
2	Profile2	H264	1280 x 720
3	Profile3	H264	640 x 360
4	Profile4	H264	1920 x 1080

**Choose an ONVIF Profile**

Main-stream

Sub-stream

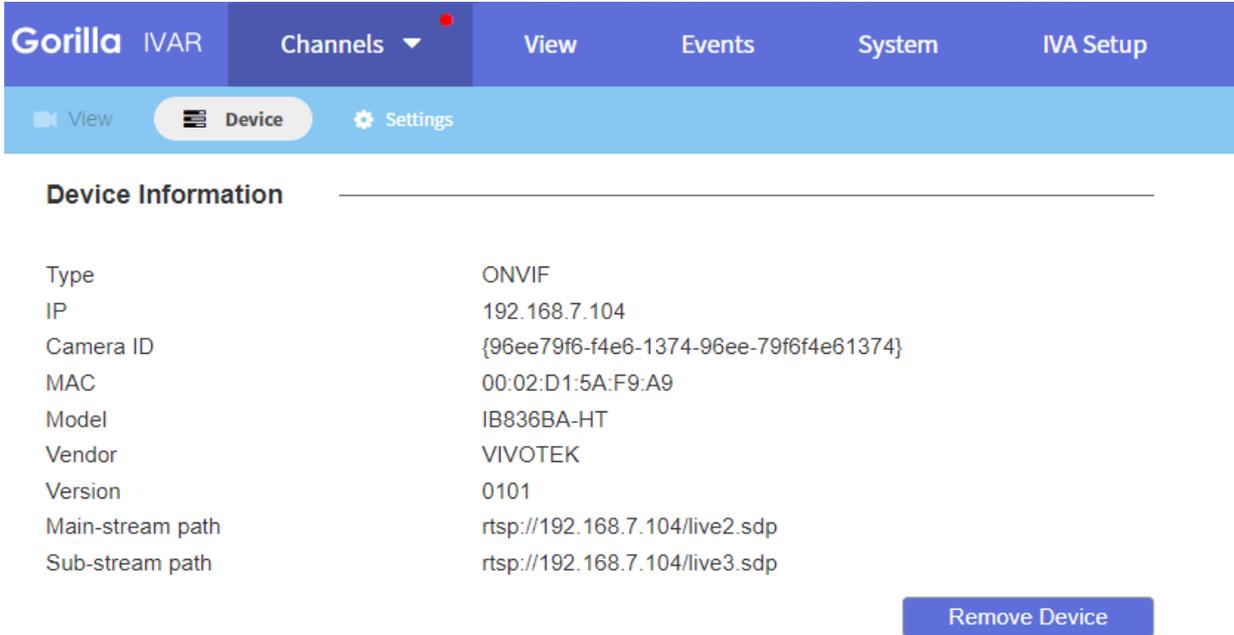
Enable Analytics

Enable sub-streams

Figure 8 – ONVIF Device Type

**9**

After the camera setup is complete, you are redirected to the **Device** section to view the device.



The screenshot shows the Gorilla IVAR web interface. The top navigation bar includes 'Gorilla IVAR', 'Channels' (with a dropdown arrow), 'View', 'Events', 'System', and 'IVA Setup'. Below this is a secondary bar with 'View', 'Device' (selected), and 'Settings' (with a gear icon). The main content area is titled 'Device Information' and contains a table of device details. A 'Remove Device' button is located at the bottom right of the device information section.

Type	ONVIF
IP	192.168.7.104
Camera ID	{96ee79f6-f4e6-1374-96ee-79f6f4e61374}
MAC	00:02:D1:5A:F9:A9
Model	IB836BA-HT
Vendor	VIVOTEK
Version	0101
Main-stream path	rtsp://192.168.7.104/live2.sdp
Sub-stream path	rtsp://192.168.7.104/live3.sdp

Remove Device

*Figure 9 – ONVIF Device Type*

**10**

Return to **Channel Overview** to view the camera(s). Whichever way you setup the cameras recording is enabled by default and is visible by the red **M** circle at the top left side of each channel space.

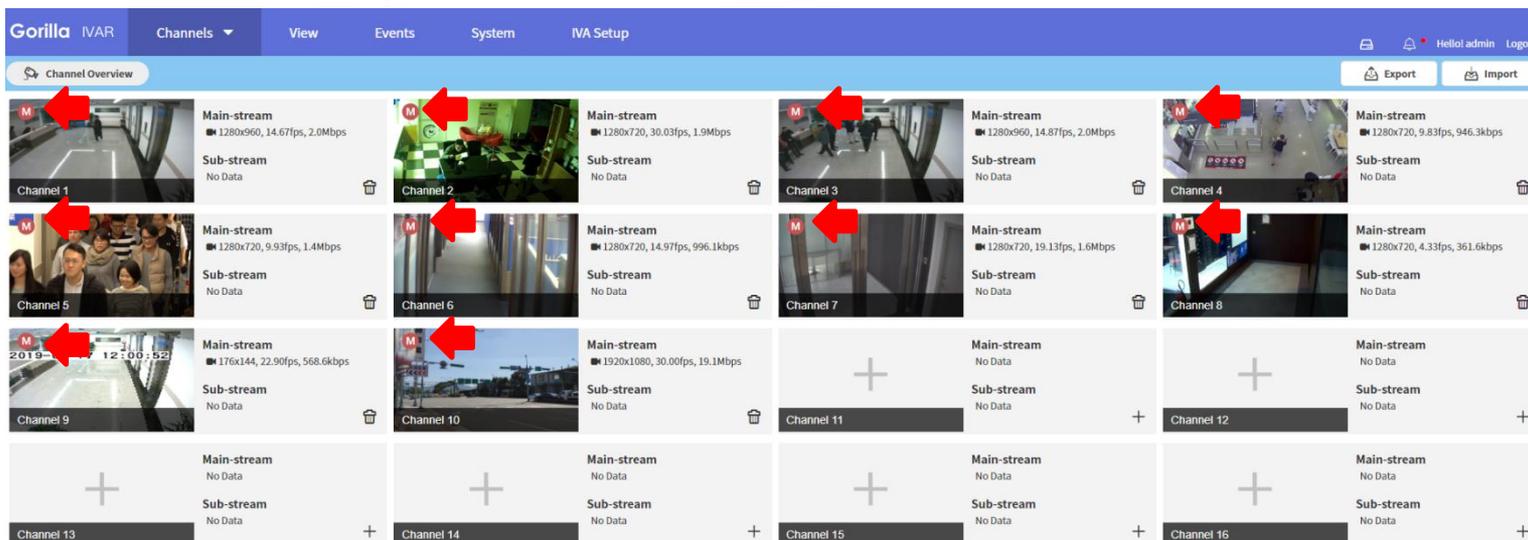


Figure 10 – Channel Overview

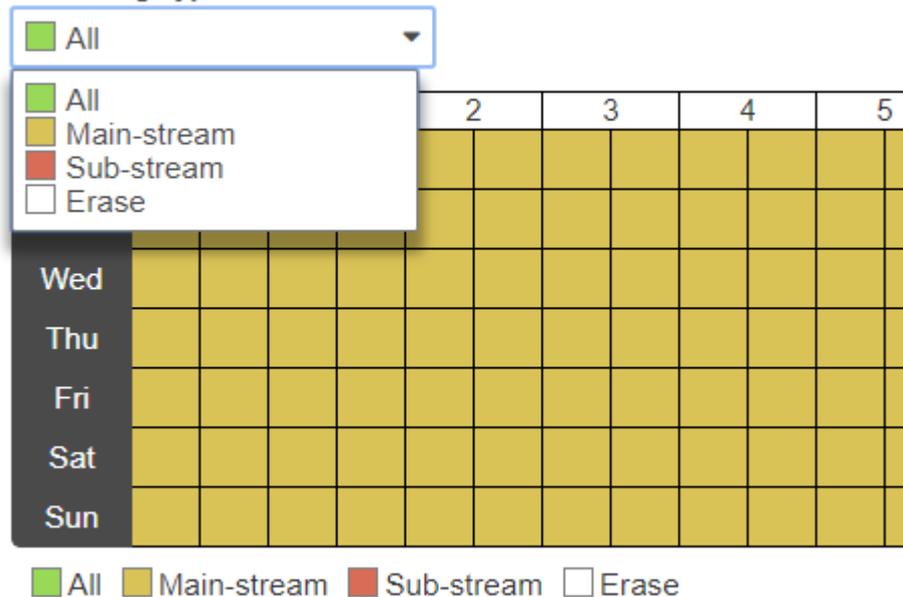
11

Under the **Channel Settings** page, **Recording Schedule**, select the recording type to either *record all* (green), record *main-stream* (lime yellow), *record sub-stream* (orange), or erase (white).

- Select a starting area and drag & drop the mouse over the days you wish to record. Orange indicates all the recording areas.
- To erase the recorded schedule, select Erase from the drop-down panel and drag & drop over the time you want to remove recording.
- Click **Apply** for the changes to take effect.

## Recording Schedule

### Recording Type Selection



The screenshot shows a recording schedule grid. A dropdown menu is open, showing four options: 'All' (green), 'Main-stream' (lime yellow), 'Sub-stream' (orange), and 'Erase' (white). The grid has columns for time slots 2, 3, 4, and 5, and rows for days Wed, Thu, Fri, Sat, and Sun. The grid cells are currently filled with the 'Main-stream' (lime yellow) color.

	2	3	4	5
Wed	Main-stream	Main-stream	Main-stream	Main-stream
Thu	Main-stream	Main-stream	Main-stream	Main-stream
Fri	Main-stream	Main-stream	Main-stream	Main-stream
Sat	Main-stream	Main-stream	Main-stream	Main-stream
Sun	Main-stream	Main-stream	Main-stream	Main-stream

Legend: ■ All ■ Main-stream ■ Sub-stream  Erase

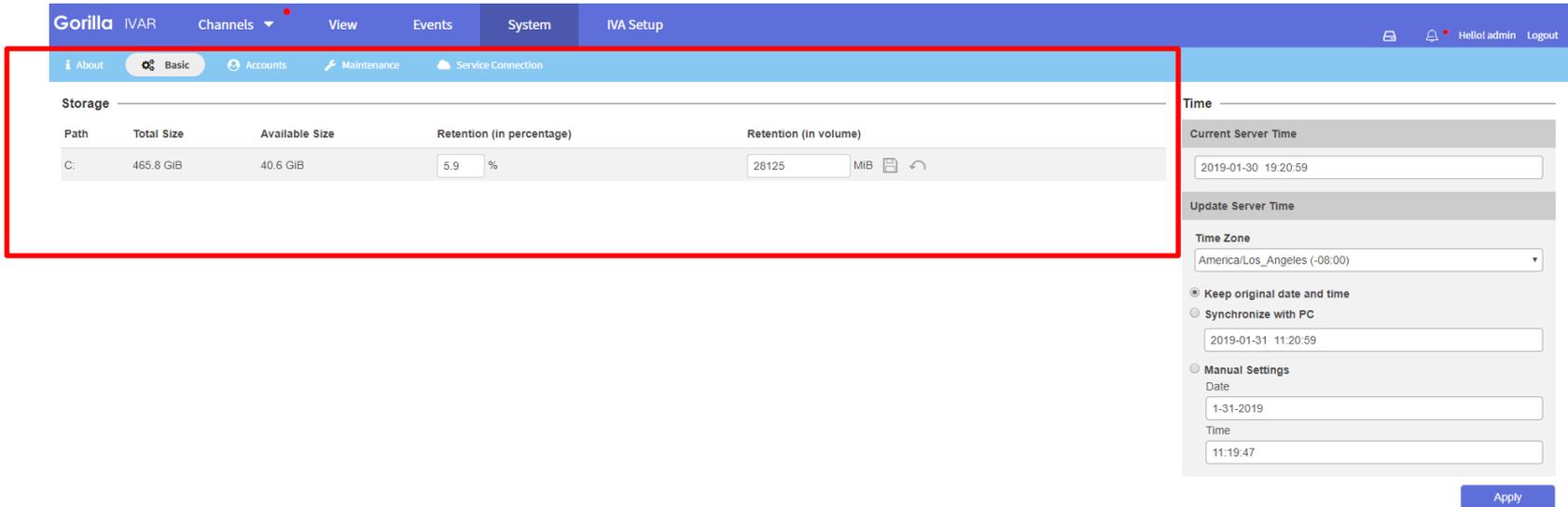
Figure 11 – Recording Schedule

12

The final part of setting up **VMS** on IVAR is to check storage.

- Go to **System, Basic**

Storage will display the total disk and remaining disk space. All management features can be handled through this area.



The screenshot shows the 'System' configuration page for 'IVA Setup'. The 'Storage' section is highlighted with a red box and contains the following table:

Path	Total Size	Available Size	Retention (in percentage)	Retention (in volume)
C:	465.8 GiB	40.6 GiB	5.9 %	28125 MIB

The 'Time' section on the right includes the following settings:

- Current Server Time:** 2019-01-30 19:20:59
- Update Server Time:**
  - Time Zone:** America/Los\_Angeles (-08:00)
  - Keep original date and time
  - Synchronize with PC
    - Date: 2019-01-31 11:20:59
  - Manual Settings
    - Date: 1-31-2019
    - Time: 11:19:47

An 'Apply' button is located at the bottom right of the 'Time' section.

Figure 12 – Storage



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