

# PVM10CAMN – How to add ONVIF Streams to Hanwha NVR Remotely

## INTRODUCTION

The following Procedure explains how to add the ONVIF Streams from a PVM10CAMN to a Hanwha NVR Remotely using a PC/Laptop on the same network as the units. The NVR has 2x Networks in this procedure we used Network 1. {Both Networks have been tested} Please see NVR manual for more information on the different Networks.

### Note:

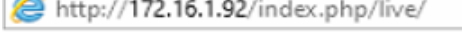
*The PVM10CAMN uses Port 8080 for ONVIF*

## PROCEDURE

### Prerequisites:

- NVR Model Used XRN-2010A v2.42\_200303163350
- Hanwha NVR connected to same Network as PVM
- PC/Laptop to configure set up units via Web browser
- Time and Date has been correctly set on PVM and NVR
- PVM10CAMN v00.99.99.55
- PVM10CAMN connected to PoE or 12VDC PSU
- Default Credentials Used
- **PVM10CAMN uses Port 8080 for ONVIF**

### Follow below Procedure:

- Enter the IP Address of the NVR in the Web Browser address bar  in this procedure we used IE [recommend you use this; other browsers have not been tried but should work]
- **[Login]** window is displayed for the NVR enter **[Admin ID and Password]** {Fig 1}
- Once Logged in select **[Setup]** {Fig 2}

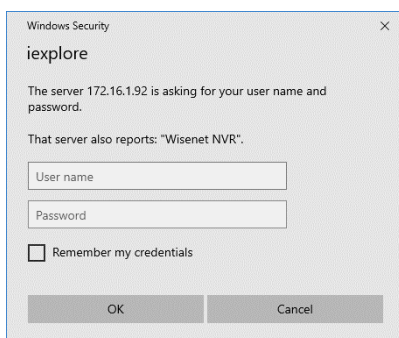


Fig 1

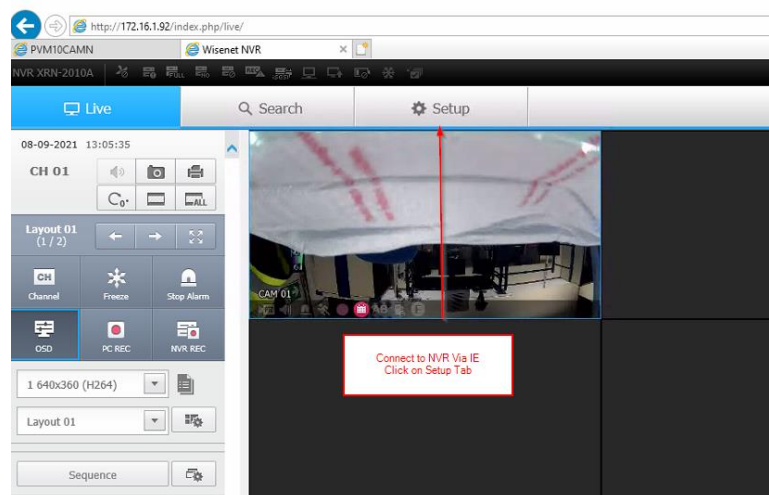


Fig 2

- Select **[System]** then **[Device]** then **[Camera]** then **[Cam Registration]** then select **[Auto]** {Fig 3}
- Unit will then discover cameras on the same network as the NVR, select **"PVM10CAMN"** from the list **[assign a channel]** Next enter ID and Password of PVM10 **[Default admin/admin]** then select **[Connection Test]** {Fig 4}
- Confirmation of successful connection is displayed, select **[OK]** {Fig 5} List of cameras is displayed with "Success" next to camera added select **[OK]** **"Connected Successfully"** {Fig 6} is displayed select **[OK]** once more

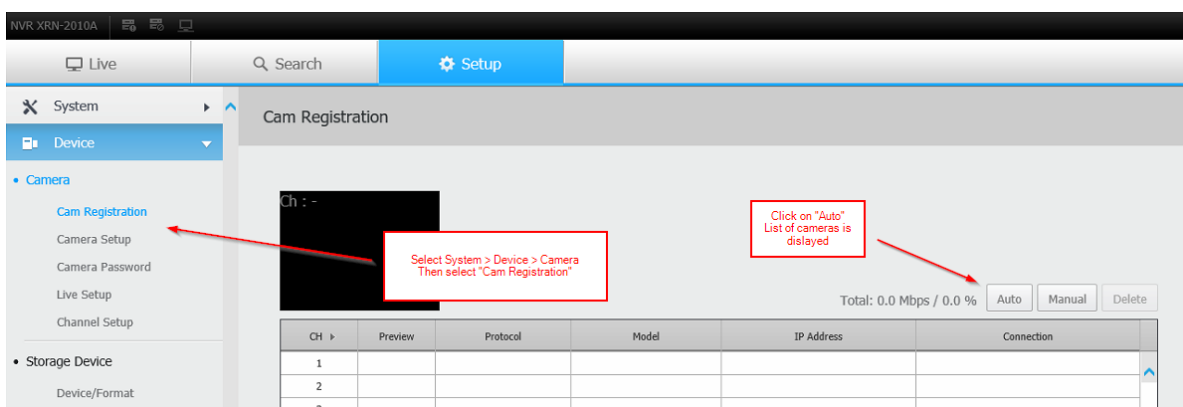


Fig 3

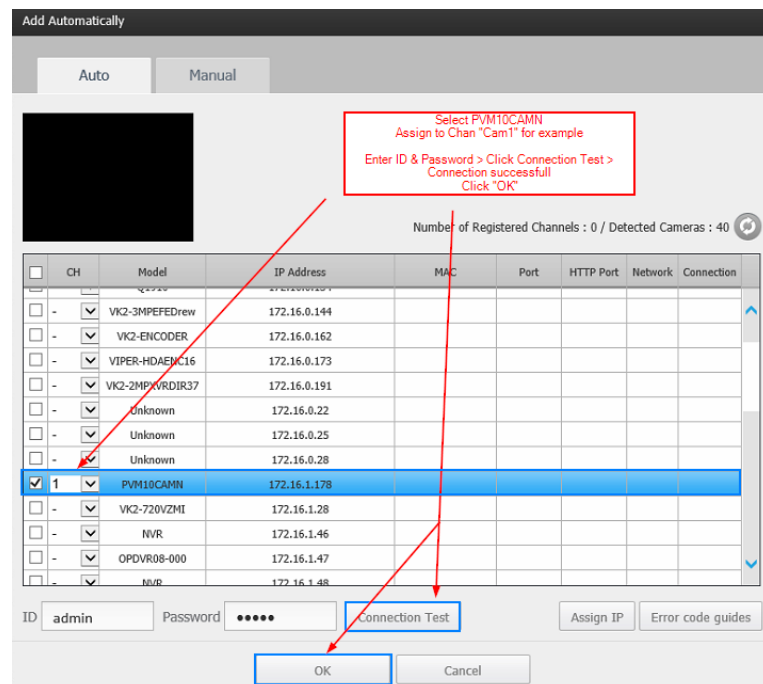


Fig 4

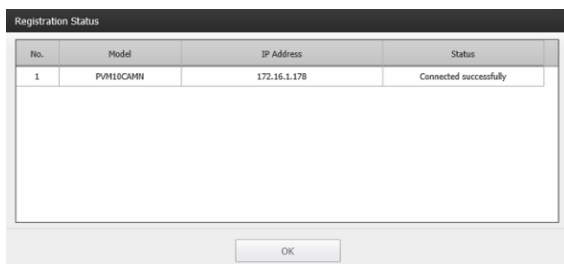


Fig 5

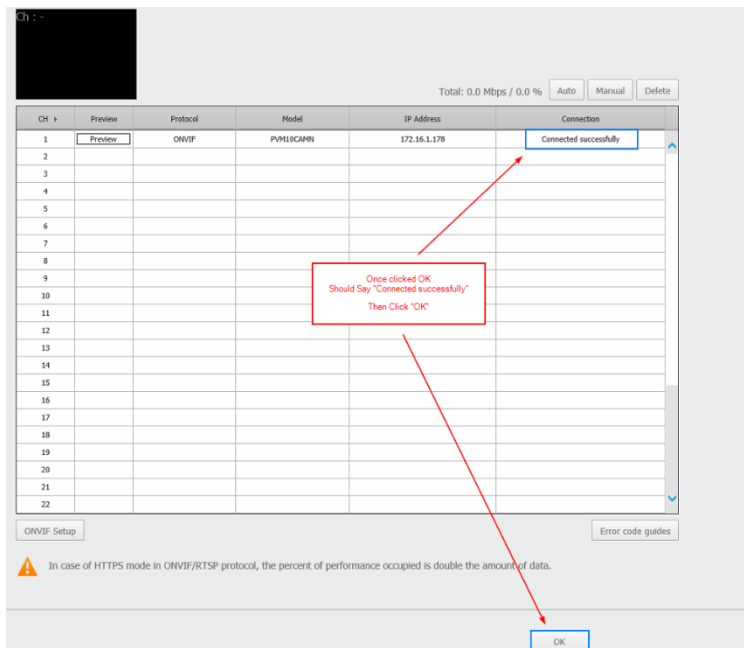


Fig 6

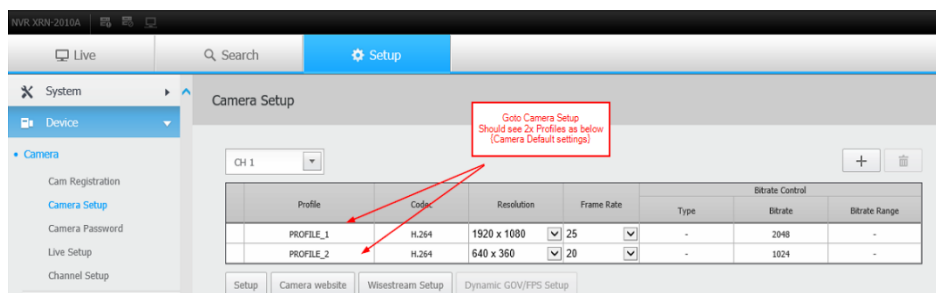
- [Saving....] Message displayed {Fig 7} Once saved [Connection] should say "Connected" {Fig 8}
- Now select [Camera setup] tab Stream Profiles should be shown {Fig 9}



Fig 7

CH	Preview	Protocol	Model	IP Address	Connection
1	Preview	ONVIF	PVM10CAMN	172.16.1.178	Connected
2					
3					

Fig 8 & Fig 9



- Next Go to **[Live]** tab Camera Video should be displayed {Fig 10}

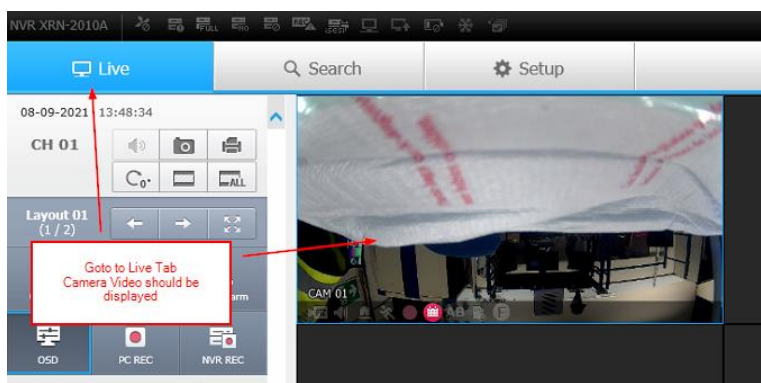


Fig 10

The PVM10 can also be added manually to the NVR the next steps show the differences.

- Select **[Manual]** {Fig 11} Change **[Protocol]** to “ONVIF”
- Enter the camera **[IP Address]** and **[ID – Password]** as per {Fig 12} **Note Port 8080 is used for ONVIF on the unit** then select [Ok]
- Select **[OK]** performing registration tests.. is displayed then “Access successful. Do you want to register?” Select **[Yes]** {Fig 14}

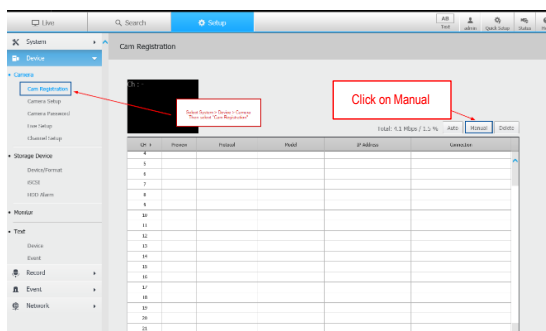


Fig 11

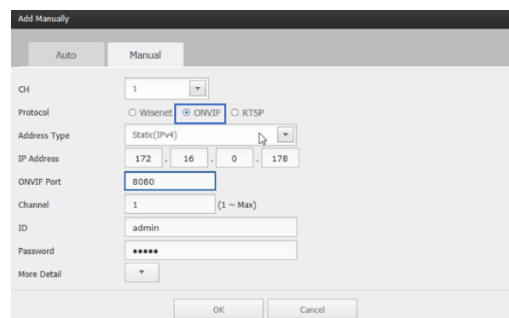


Fig 12

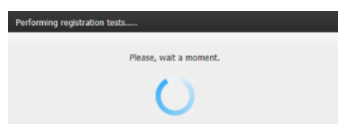


Fig 13

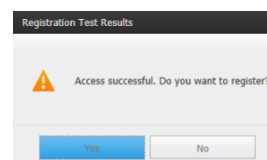


Fig 14

This ends the procedure.