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# Guide to connecting Vista VK2 IP cameras to Vista VL-NVR

## INTRODUCTION

This procedure describes how to connect a Optio IP Camera to Vista VL-NVR

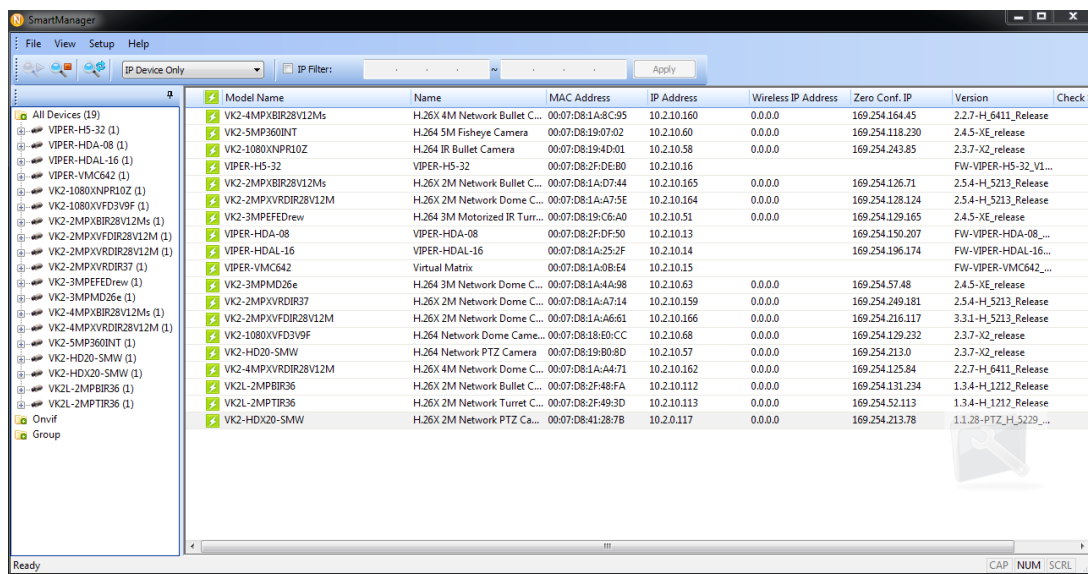
## Procedure

Default for the Vista VK2 range of cameras is username admin password admin.

If do not have the password or IP address of the Vista camera use the Vista IP utility smart manger to default or carry out any set up of passwords or IP addresses.

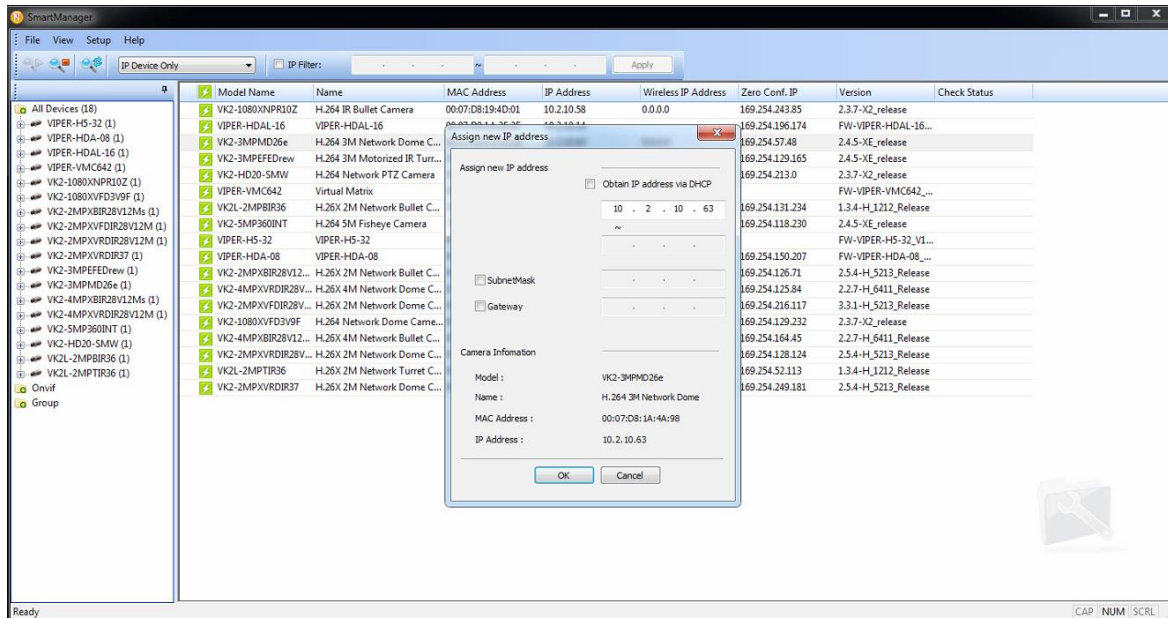
**\*\*For setting pre-configured camera passwords on the VL NVR see footnote on this document\*\***

<https://drive.google.com/drive/folders/1L4ns3U80ErkeCoHe7dwxgw-1W5H0Ygs3>



Set a username and password

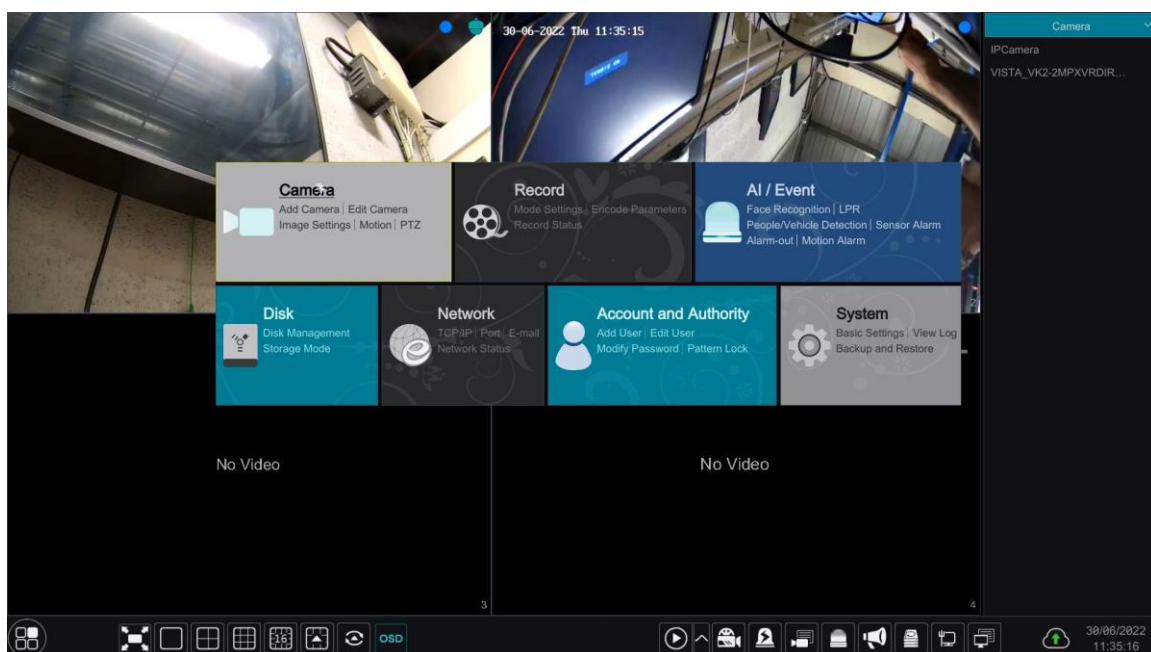


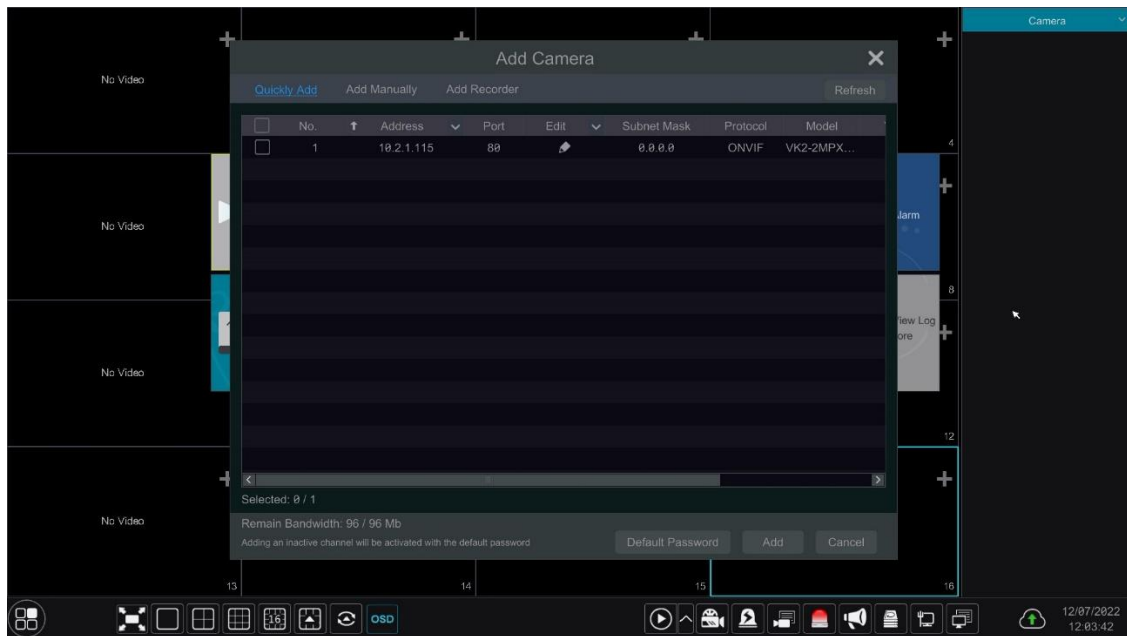


If you are connecting the camera via the PoE port set the camera to DHCP, if using LAN port set IP address appropriately.

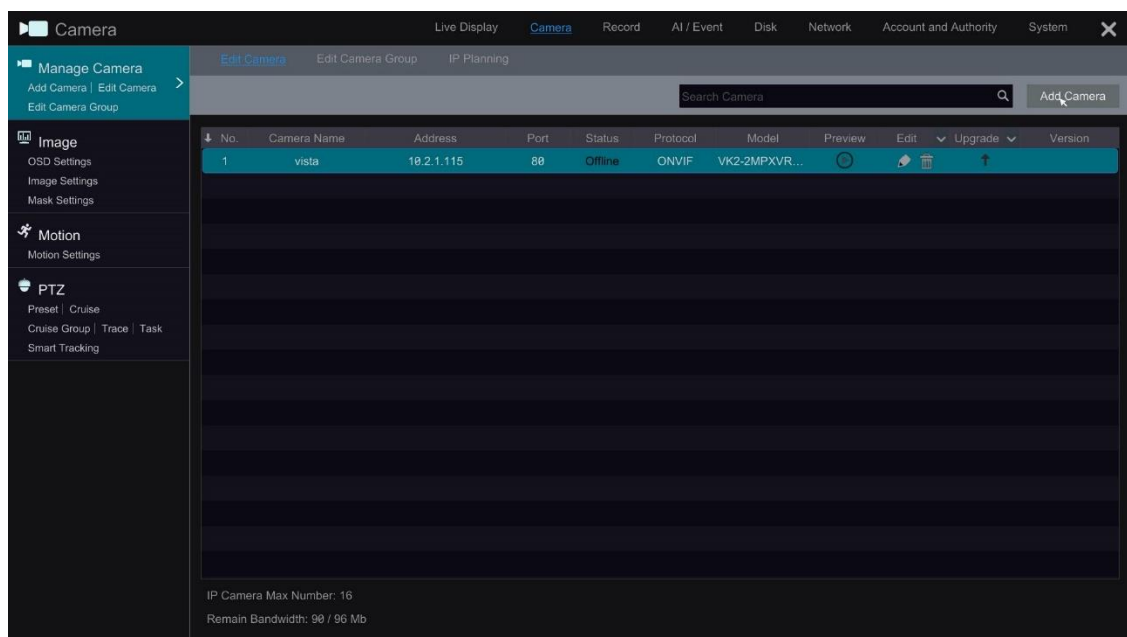
Connect camera to the VL-NVR either via the Lan port or a PoE port depending on IP set up.

Log in to the menu of the VL-NVR > Setting > Camera > Add a camera





Camera found showing offline

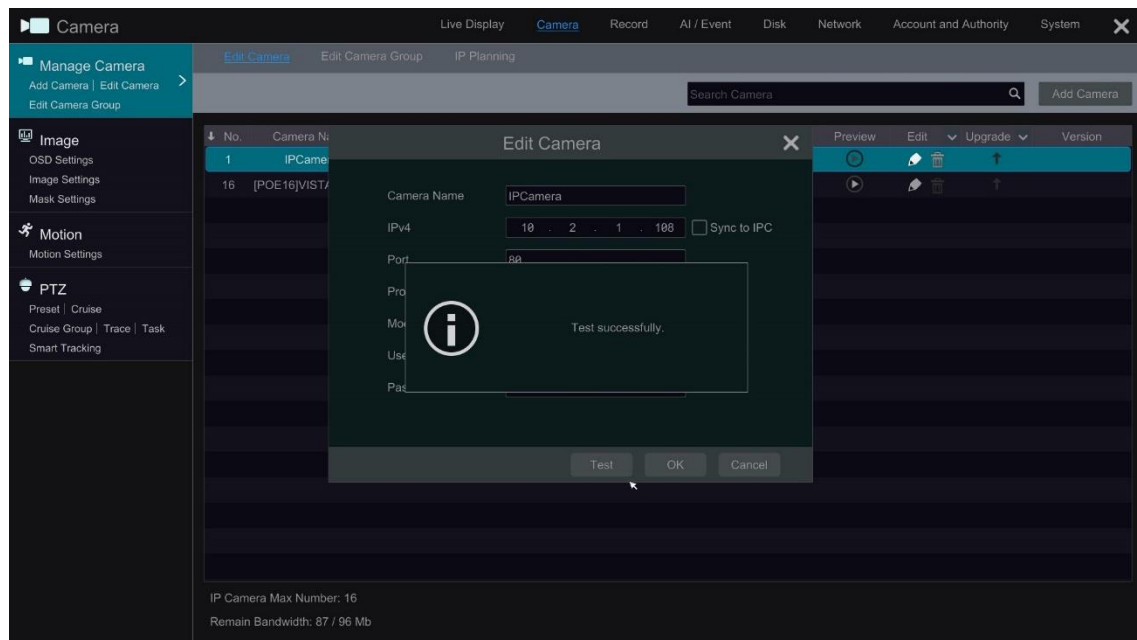
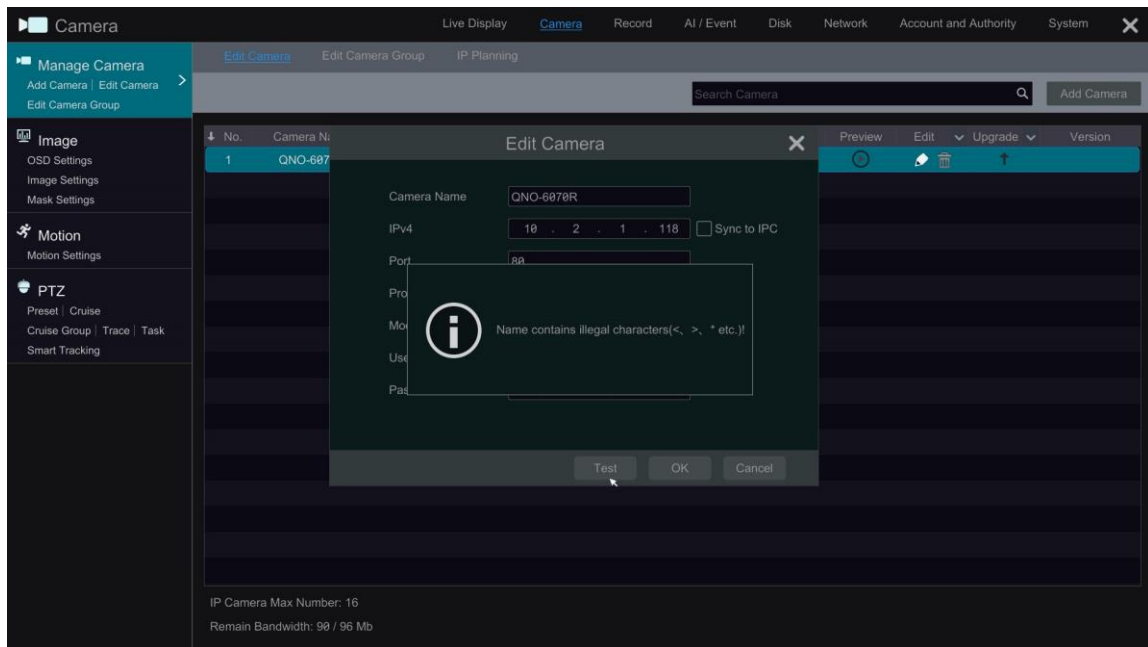


Select the edit option input password and test

If the camera name contains special characters i.e.

- ! " £ \$ % etc you will get this message! **"Name contains illegal characters < , . > \* etc"**

Change the camera name by removing the illegal characters and test again



Live image will now be displayed



Stream settings can be checked in this menu, set up recording as required

Camera Name	Status	Stream Type	FPS	Bitrate Type	Quality	Max Bitrate	Resolution	Type Of Record
IPCamera	Record	Main Stream	25	VBR	Higher	4128 / 4096 Kbps	3200x1800	Schedule
IPCamera	Record	Sub Stream	25	VBR	Higher	114 / 512 Kbps	640x360	Schedule
VISTA_VK2-2MPXV...	Record	Main Stream	25	--	--	2154 / 4096 Kbps	2592x1944	Schedule
VISTA_VK2-2MPXV...	Record	Sub Stream	25	--	--	720 / 1024 Kbps	720x576	Schedule
VISTA_VK2-2MPXV...	Record	Main Stream	25	--	--	1431 / 2048 Kbps	1920x1080	Schedule
VISTA_VK2-2MPXV...	Record	Sub Stream	25	--	--	167 / 1024 Kbps	720x576	Schedule

**\*\*Footnote\*\***

If adding multiple cameras to the VL-NVR that don't have the pre-configured password shown below

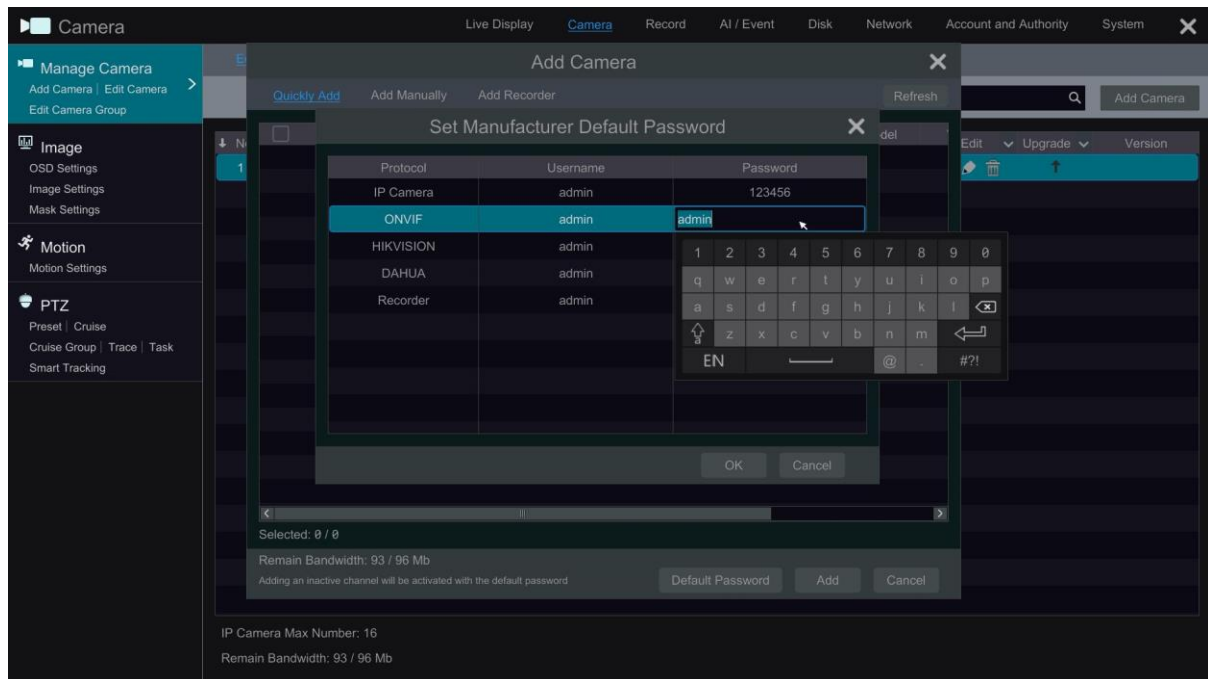
Protocol	Username	Password
IP Camera	admin	123456
ONVIF	admin	admin
HIKVISION	admin	12345
DAHUA	admin	admin
Recorder	admin	123456

Selected: 0 / 0  
Remain Bandwidth: 89 / 96 Mb  
Adding an inactive channel will be activated with the default password

IP Camera Max Number: 16  
Remain Bandwidth: 89 / 96 Mb

You can edit the passwords of the Protocol options \* Protocol type is fixed\*





### Example

You are adding 16 Onvif IP cameras with a password of Onvif123 , change the Onvif password to Onvif123, this will allow the VL-NVR to find the cameras on a camera search ready to add.

This completes the procedure