

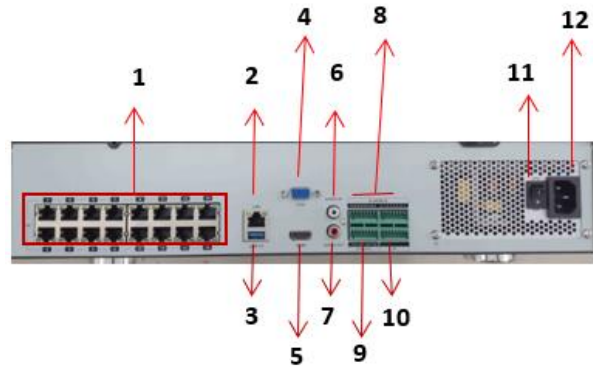
PRODUCT:	
ITEM CODE:	

Introduction

This guide has been formulated to assist with the initial connection setup of Cortex.

Back panel image

1. PoE Ports/PnP Ports
2. LAN/Network Port
3. USB Port
4. VGA Port
5. HDMI Port
6. Audio in (mic)
7. Audio out (speaker)
8. Alarm In port (sensor/button)
9. Alarm out (siren/light)
10. Grounding
11. Power Switch
12. Power input.



Setup Wizard

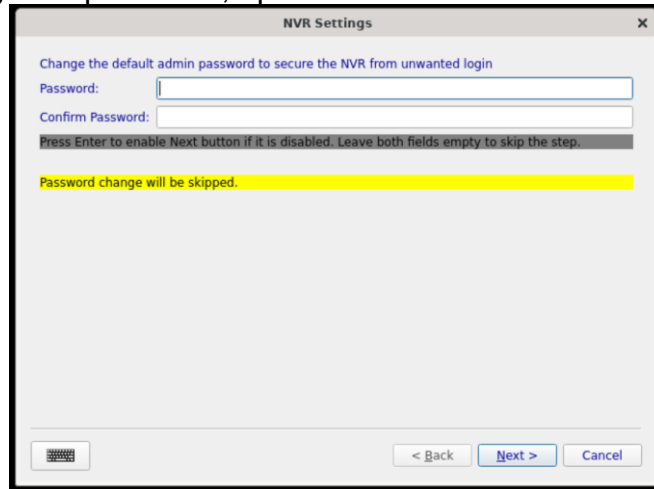
1. Connect power cable, mouse and monitor to NVR and switch on. Initial startup will take around 10 minutes. When booted up you will see multiple camera tiles.
2. Click Ok to run settings wizard



3. Login using default login
User: adminHibernator/Terminator – ad^minCommander – ad@min20
4. Once on and initialised, right click and select login to unit using relevant password:
 - Hibernator/Terminator – ad^min
 - Commander – ad@min20

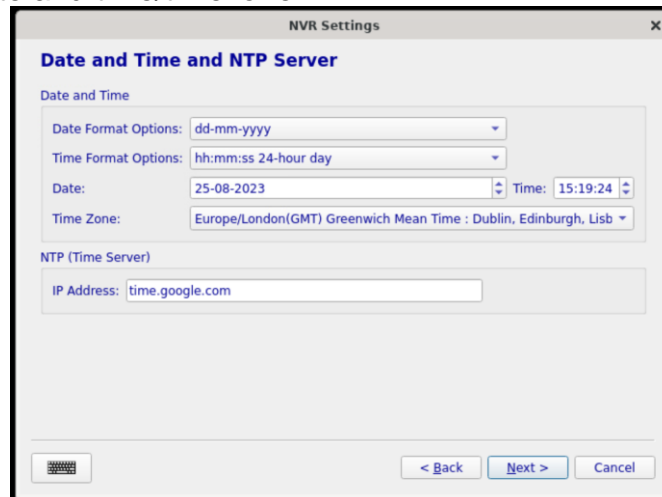
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5. You can change the password, optional but recommended.



The screenshot shows the 'NVR Settings' window with the 'Change the default admin password to secure the NVR from unwanted login' section. It contains two input fields for 'Password:' and 'Confirm Password:'. A message below the fields reads: 'Press Enter to enable Next button if it is disabled. Leave both fields empty to skip the step.' A yellow highlight at the bottom of the form states: 'Password change will be skipped.' Navigation buttons '< Back', 'Next >', and 'Cancel' are visible at the bottom.

6. Set current date and time/timezone.



The screenshot shows the 'NVR Settings' window with the 'Date and Time and NTP Server' section. Under 'Date and Time', there are dropdowns for 'Date Format Options' (dd-mm-yyyy) and 'Time Format Options' (hh:mm:ss 24-hour day). The 'Date' is set to 25-08-2023 and 'Time' to 15:19:24. The 'Time Zone' is set to 'Europe/London(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisb'. Under 'NTP (Time Server)', the 'IP Address' is set to 'time.google.com'. Navigation buttons '< Back', 'Next >', and 'Cancel' are visible at the bottom.

7. Set network settings and enable/disable PNP (plug n play)



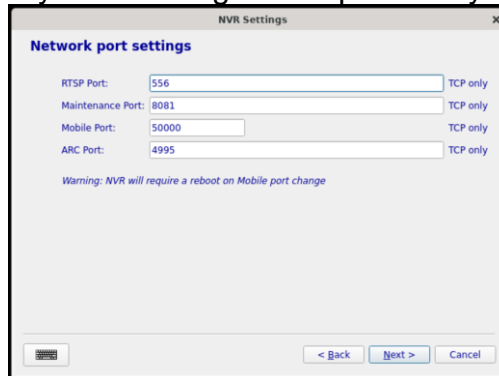
The screenshot shows the 'NVR Settings' window with the 'NVR Public IP and DNS settings' section. It includes a checkbox for 'Enable PNP:' which is unchecked. Below are fields for 'Interfaces:' (Eth0), 'Link Status:' (Connected), 'Configure:' (Using DHCP), 'IP address:' (192.168.1.213), 'Subnet Mask:' (255.255.255.0), 'Gateway:' (192.168.1.253), 'DNS:' (8.8.8.8, 8.8.4.4), and 'Ethernet Speed:' (1000baseT). A warning message at the bottom states: 'Warning: NVR will require a reboot if there is change in the network'. Navigation buttons '< Back', 'Next >', and 'Cancel' are visible at the bottom.

PNP: Give cameras IP addresses automatically (off by default)

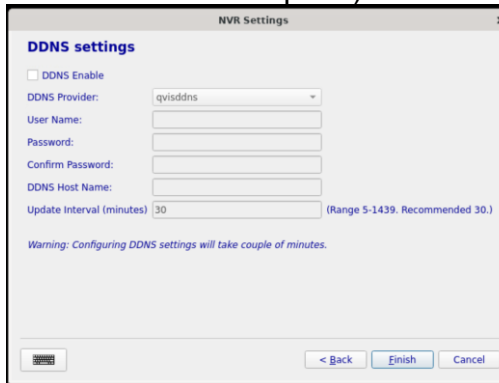
Interfaces: Choose between Ethernet connections

Configure: Enable or Disable DHCP for recorders local IP

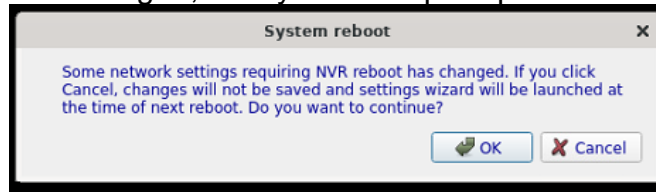
8. Network Port Settings (only to be changed if requested by IT department.)



9. DDNS settings (only used if P2P is not an option)



10. If network settings are changed, the system will prompt a reboot.



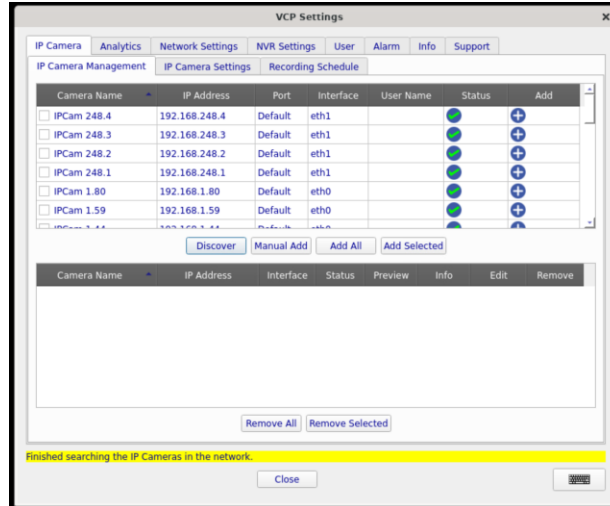
11. QR Code will show (allows Cortex Go to link to NVR)



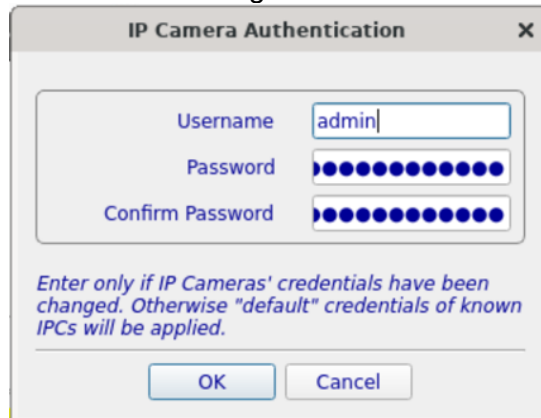
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Adding IP cameras

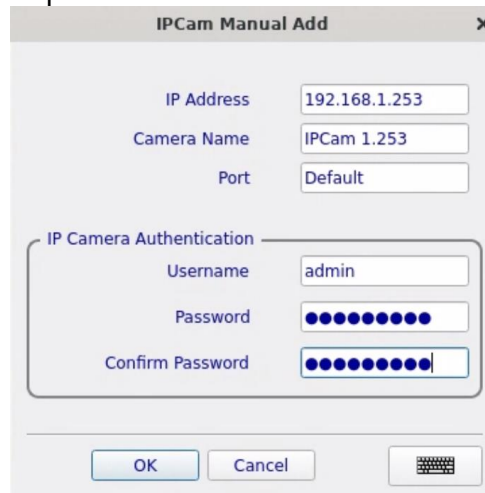
- Once IP cameras are connected to PoE switch and to ethernet port on NVR, login to NVR and navigate to “IP camera Management”



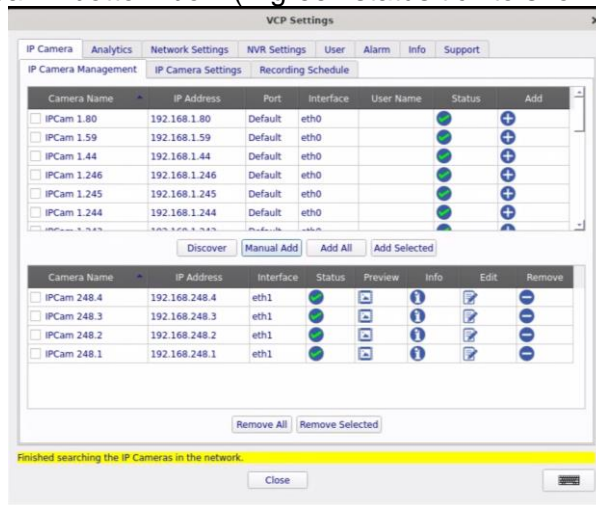
- Cameras detected will show in the top box. Tick the box on the camera you wish to add and click “Add Selected”. Add the camera login:



OR select “Manual Add” and complete the information to add the camera manually.

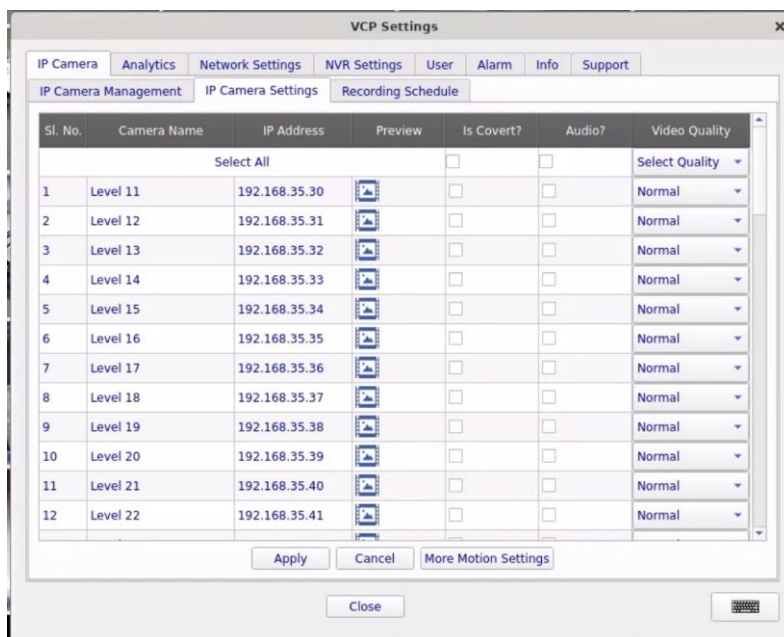


3. Camera will then appear in bottom box. (A green status tick to show online)



(You can edit and re-name the camera by clicking edit)

4. On the IP Camera Settings tab, you can amend video settings



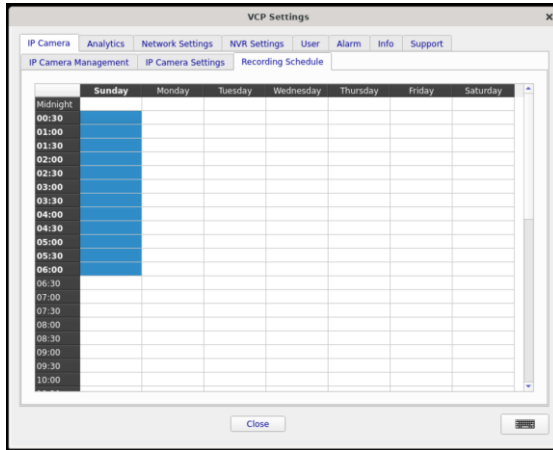
Is Covert: This will allow to hide a camera from live preview.

Audio: Enable or disable camera audio.

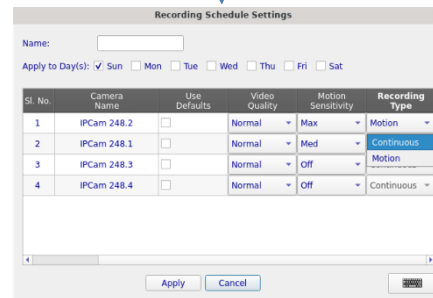
Video Quality: Choose quality/bitrate of video being streamed. If camera is lagging, you can lower the quality.

Normal 3Mbps on main

- On "Recording Schedule" tab, choose what day and times you need to record footage on which channels:

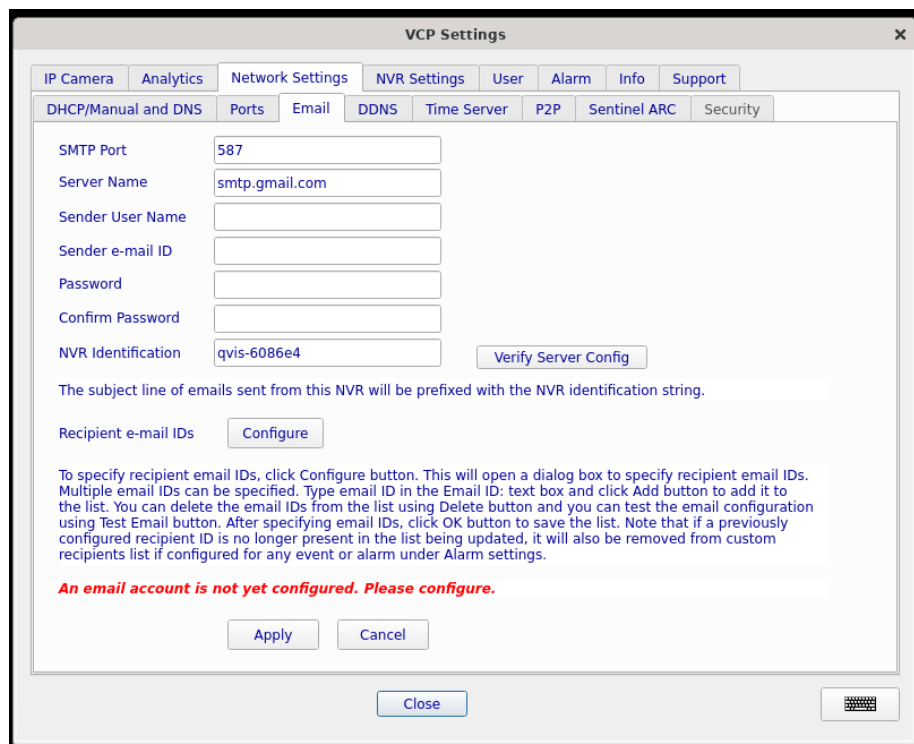


Select which type of recording is required for each channel

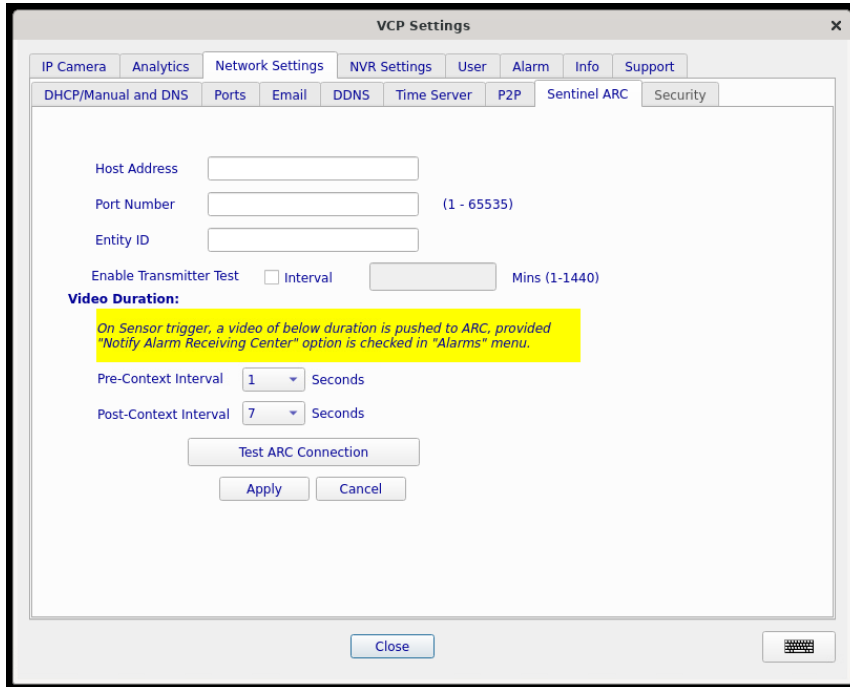


Email and Monitoring

- Browse to Network Settings > Email to setup email alerts. (up to 100 email addresses can be used. Each email address can have its own trigger)



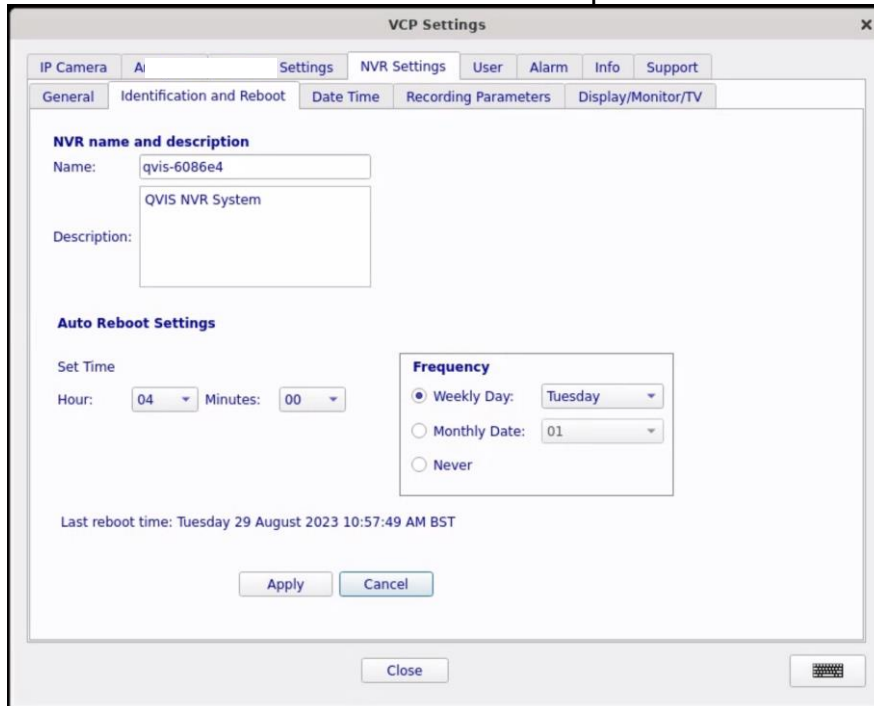
- If Qvis Monitoring will be monitoring the unit, please complete the following page with settings they provide.



The screenshot shows the 'VCP Settings' window with the 'Sentinel ARC' tab selected. The configuration includes fields for Host Address, Port Number (1-65535), and Entity ID. There is an 'Enable Transmitter Test' checkbox and an interval field. A yellow highlight covers the 'Video Duration' section, which contains a note: 'On Sensor trigger, a video of below duration is pushed to ARC, provided "Notify Alarm Receiving Center" option is checked in "Alarms" menu.' Below this are dropdown menus for Pre-Context Interval (set to 1) and Post-Context Interval (set to 7), both in seconds. Buttons for 'Test ARC Connection', 'Apply', and 'Cancel' are present.

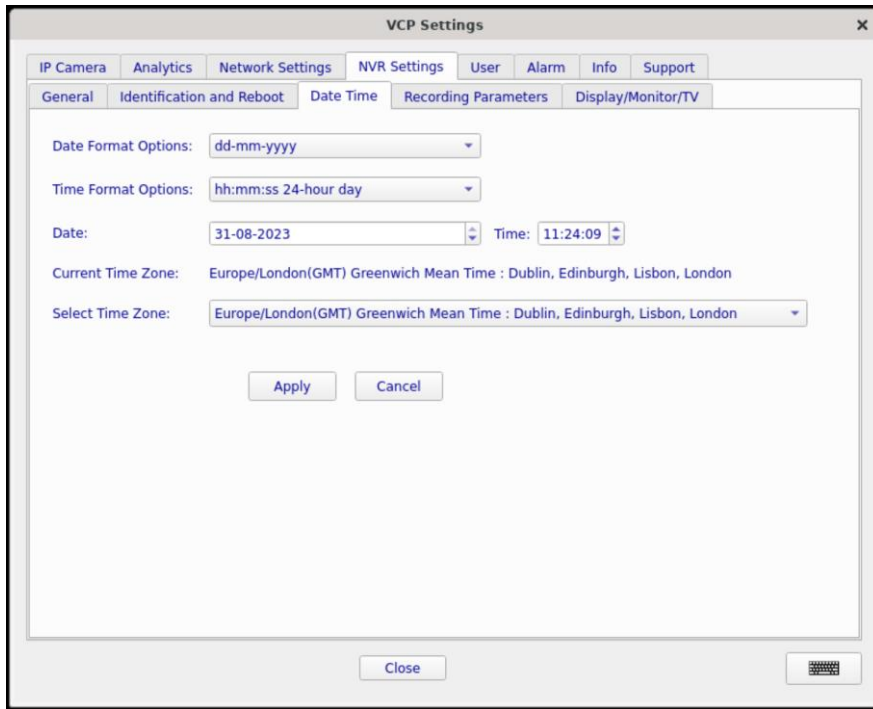
General Settings

- Give the nvr a name and set an auto reboot if required.

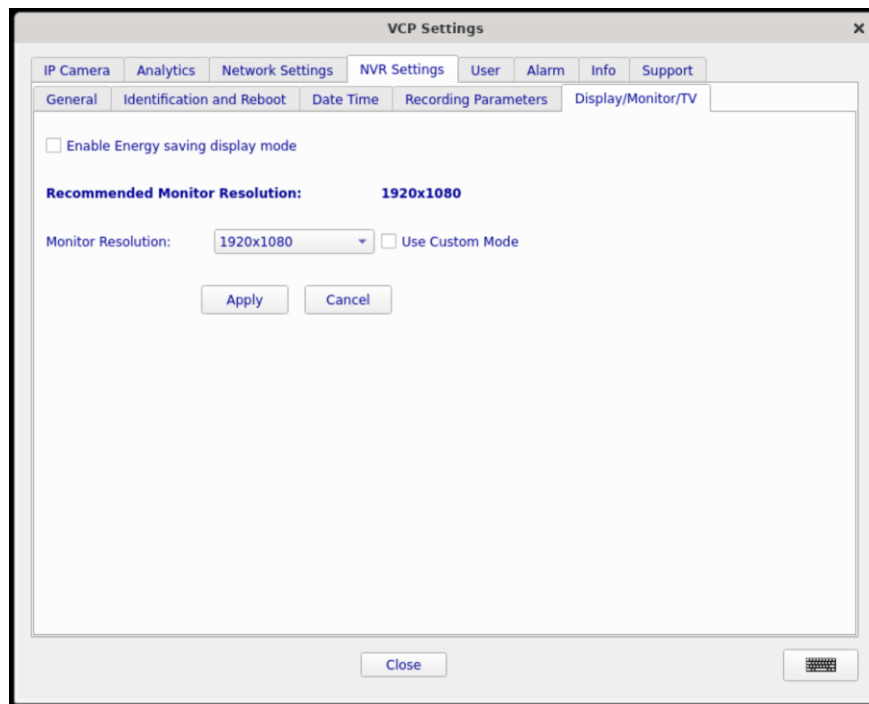


The screenshot shows the 'VCP Settings' window with the 'Identification and Reboot' tab selected. The 'NVR name and description' section has a 'Name' field containing 'qvis-6086e4' and a 'Description' text area containing 'QVIS NVR System'. The 'Auto Reboot Settings' section includes a 'Set Time' field with 'Hour' set to 04 and 'Minutes' set to 00. The 'Frequency' section has radio buttons for 'Weekly Day' (selected), 'Monthly Date', and 'Never'. The 'Weekly Day' dropdown is set to 'Tuesday'. A 'Last reboot time' field shows 'Tuesday 29 August 2023 10:57:49 AM BST'. 'Apply' and 'Cancel' buttons are at the bottom.

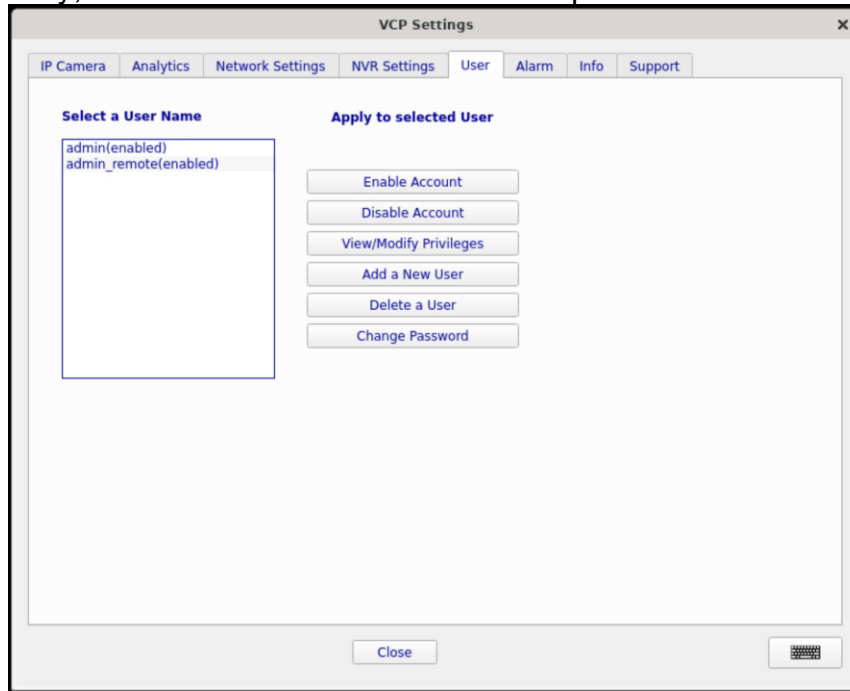
9. Set date, time and timezone.



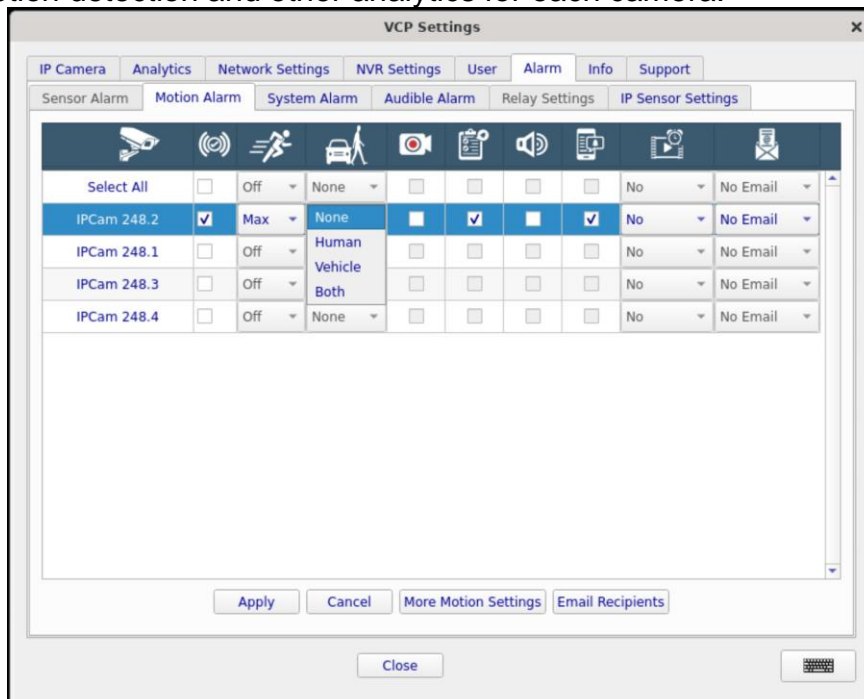
10. Adjust the display resolution as required for the monitor being connected.



11. Create, modify, or delete user and individual user permissions:



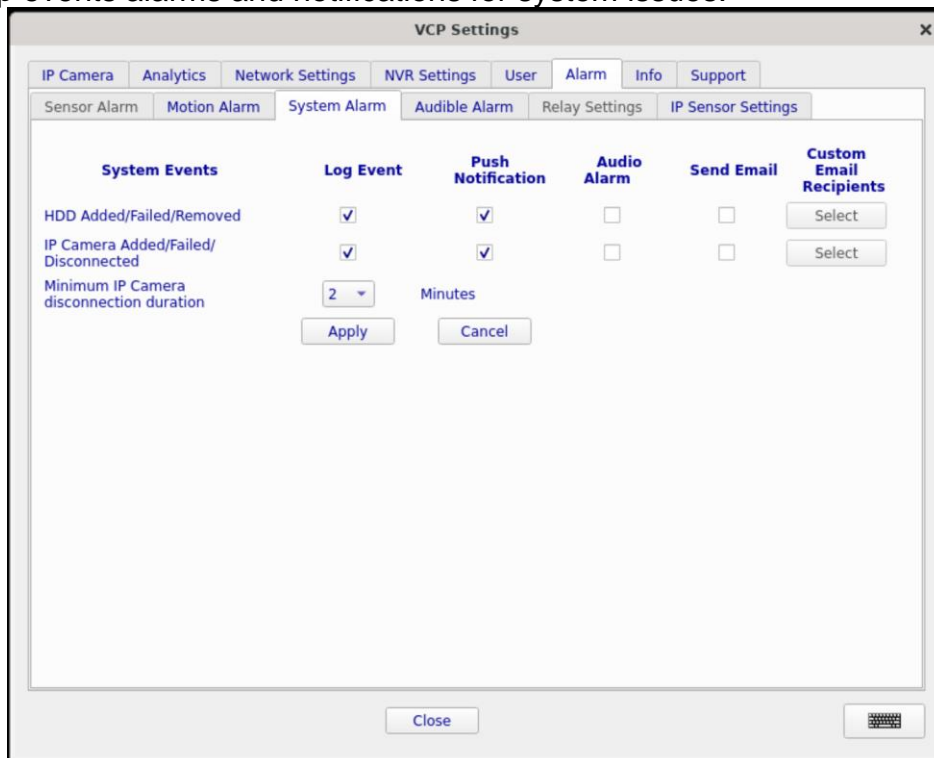
12. Setup motion detection and other analytics for each camera:



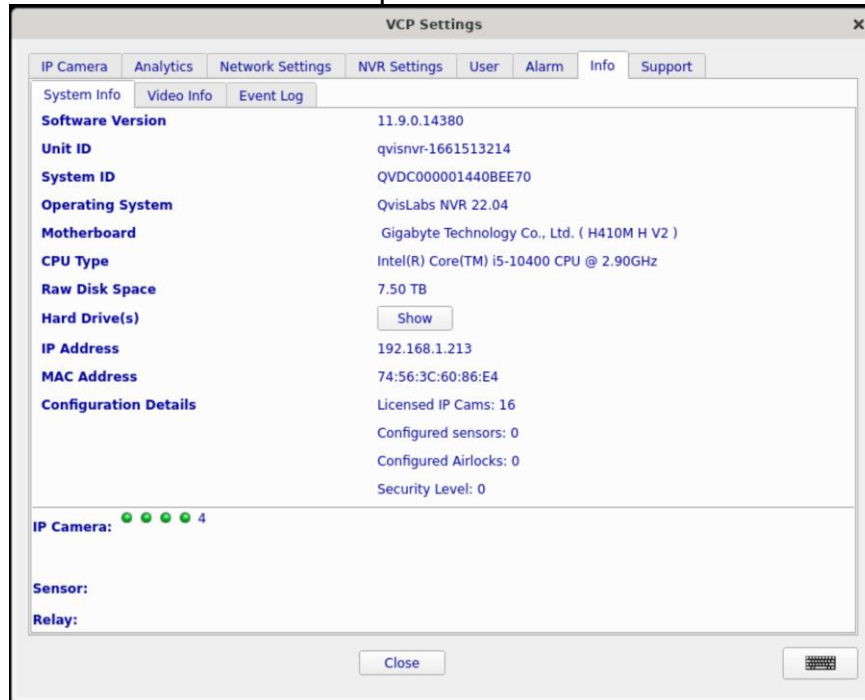
13. Select "More motion settings" to set an area for the motion detection.



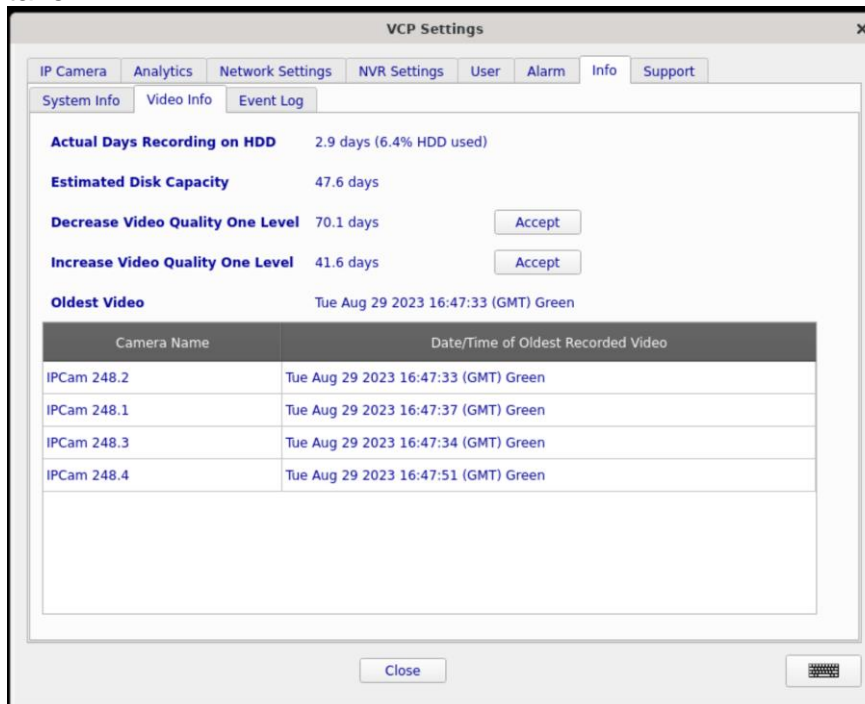
14. Setup events alarms and notifications for system issues:



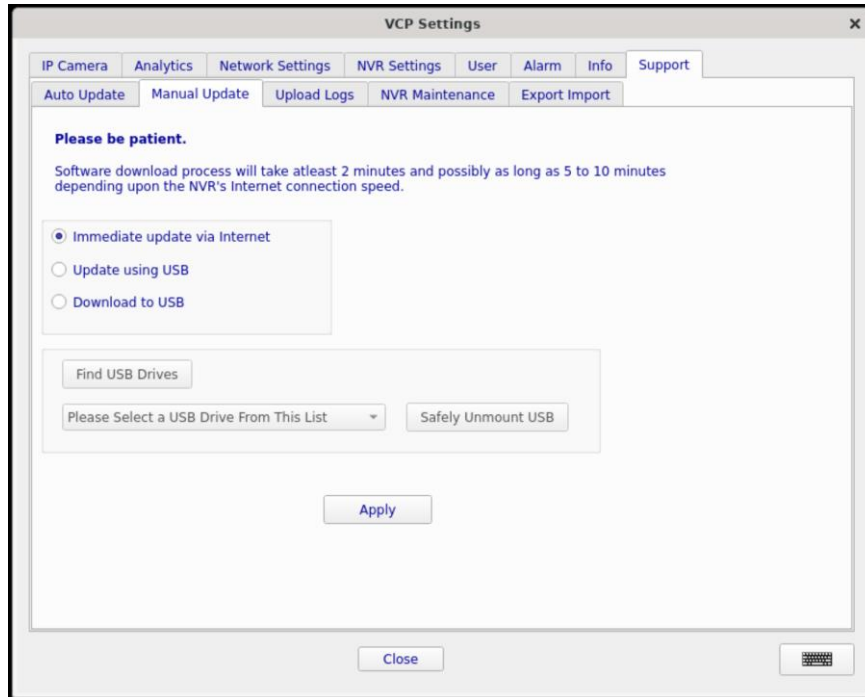
15. The System Info tab, will tell you information about the recorder such as firmware version, Ip address and current hdd space:



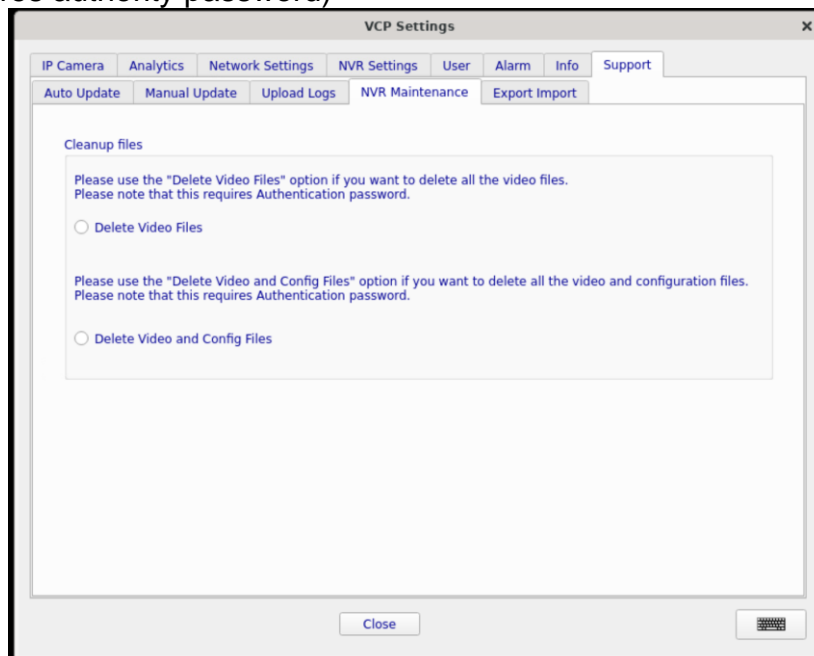
16. Video info will show how many days of recording the unit has and percentage of hdd space taken.



17. The “Manual Update” tab will allow you to prompt the recorder to look for an update online OR upload firmware from a USB stick (once downloaded from the puretech site).

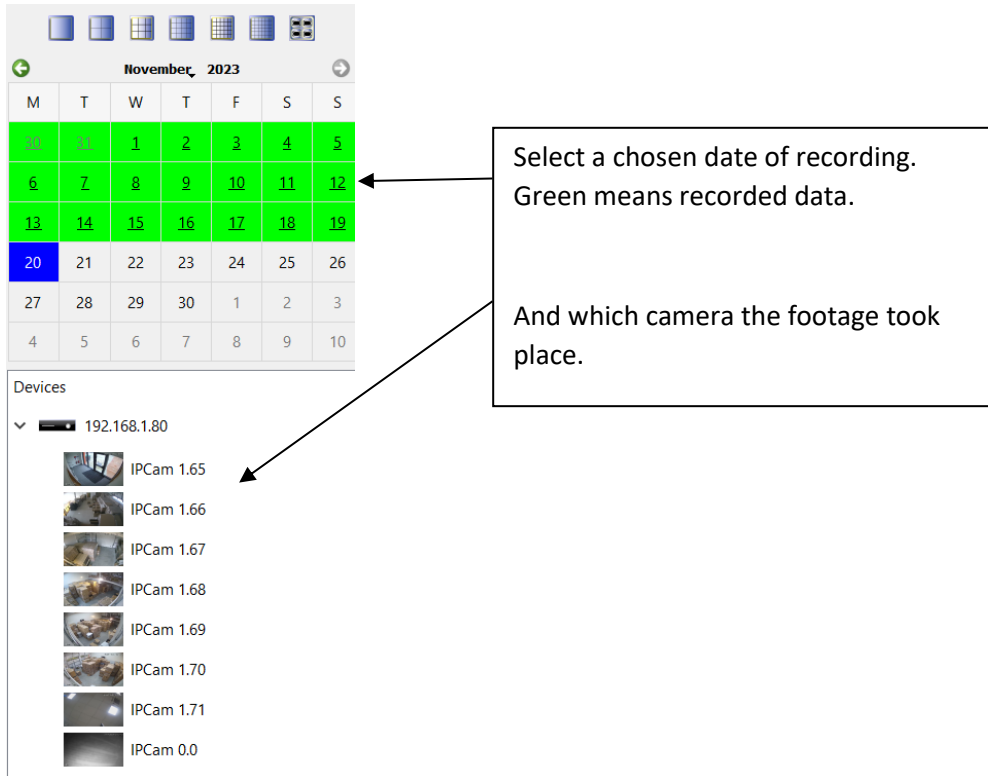


18. “NVR maintenance” can be used to wipe the HDD and/or wipe hdd and recorder config (requires authority password)



Playback and Backup

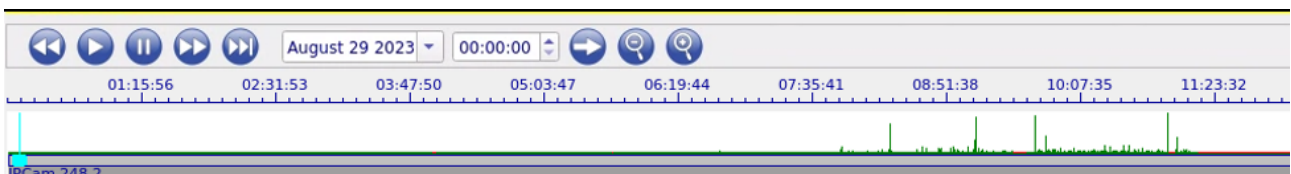
19. For playback, right click on live view and select playback:



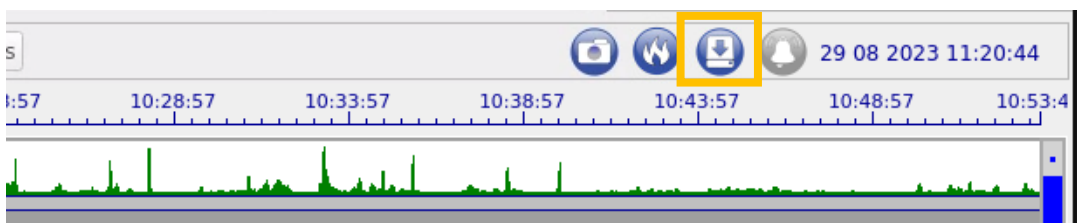
Select a chosen date of recording. Green means recorded data.

And which camera the footage took place.

The timeline at bottom will show motion in the green spikes. The higher the spike, the more motion has happened.



To back up footage click the down arrow on the right



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Select "New"



Select camera and date/time

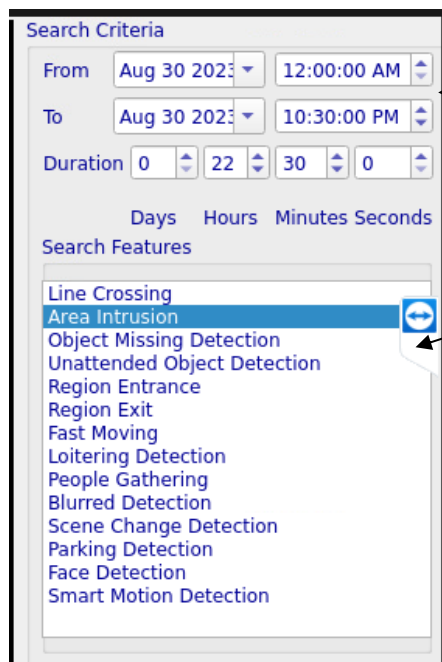


Select USB stick and "Backup now"



Analytics

20. To search analytics, right click live view and select "Search Analytics"



Choose date/time, duration.

Type of analytics:

- Area intrusion
- Lin crossing
- Loitering etc...

Select chosen event from search results below

Camera Name	Time Stamp	Type
IPCam 248.1	30-08-2023 06:40:15	Area Intrusion
IPCam 248.1	30-08-2023 06:40:27	Area Intrusion
IPCam 248.1	30-08-2023 07:05:03	Area Intrusion
IPCam 248.1	30-08-2023 07:36:02	Area Intrusion
IPCam 248.1	30-08-2023 07:47:17	Area Intrusion

Smart Search

21. To search for “dumb motion” events, right click on live view and select “Smart Search”

From here select which camera, date and time and which area of the screen the motion occurred.



Click apply and any results will appear on the right hand side. Double click any tile to play.



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