



TOOLS FOR THE JOB

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Disk Calculator

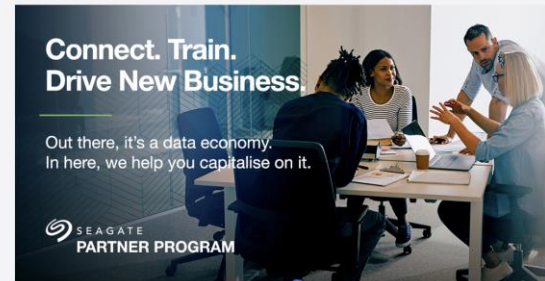
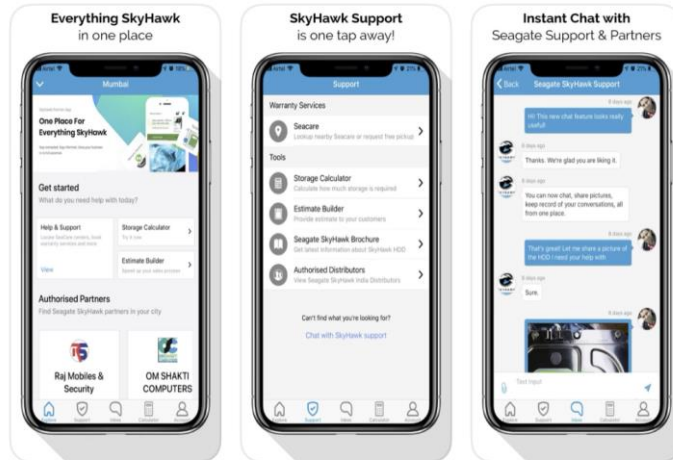
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 **Seagate SkyHawk...**
For Surveillance Busine... 

★★★★★ 5



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What do you need help with today?

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SkyHawk Compatibility list for DVR and NVR Systems >

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Speed up your sales process >



Disk Calculator

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www.seagate.com

Number of Cameras

Frames per second

Hours per day

Number of Days Stored

Resolution ?

960 720p 1080p 3MP 5MP 8MP/4K

Video Quality ?

Low Medium High

Compression Type ☒ MJPEG ☐ H.264 ☐ H.265

Required Storage Space

30.10 TB



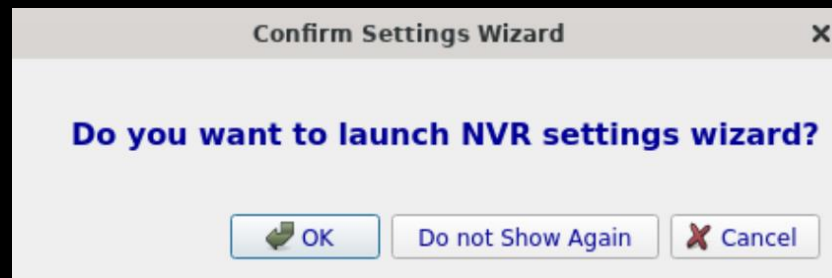
SKYHAWK

SURVEILLANCE

LEARN MORE



When the NVR has fully booted, NVR Setting wizard popup window will appear on monitor. Click on 'OK' to launch NVR Setting wizard, 'Do not Show Again' to stop displaying this popup wizard in the next reboot, 'Cancel' to discard it.





Please Enter Account Information X

User Name:

Password:

[Forgot Password](#)



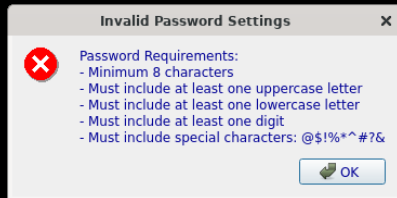
User Name: **admin**

Password: **ad^min**

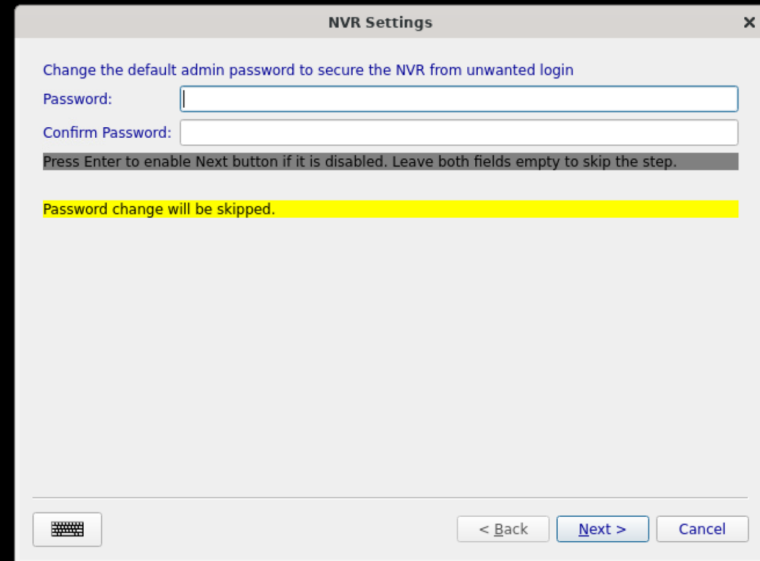
for The Commander NVR Password: **ad@min20**

There is an on-screen keyboard available,
However, with these machines you can use any
physical keyboard and mouse

It is recommended that you change the password for the admin user account to protect against unauthorized login access to top level administration permissions by following option. It can also be changed at any time. Password must meet the password requirements, or the below message will appear



If you do not change the password now, you will be forced to change it when you attempt to access the menu





NVR Settings

×

Change the default admin password to secure the NVR from unwanted login

Password:

Confirm Password:

Press Enter to enable Next button if it is disabled. Leave both fields empty to skip the step.

Password change will be skipped.

< Back

Next >

Cancel



DATE AND TIME AND NTP SERVER

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Date Time: This allows you to set the date, time and time zone.

NTP 30 Second to 3 mins

NTP
NETWORK
TIME
PROTOCOL

NVR Settings

Date and Time and NTP Server

Date and Time

Date Format Options:dd-mm-yyyy

Time Format Options:hh:mm:ss 24-hour day

Date:25-08-2023Time:15:19:24

Time Zone:Europe/London(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisb

NTP (Time Server)

IP Address:time.google.com

< Back

Next >

Cancel



NVR Settings

NVR Public IP and DNS settings

Enable PNP: ☐

Interfaces:

Link Status:

Configure:

IP address:

Subnet Mask:

Gateway:

DNS:

Ethernet Speed: Shows the speed of the connected network

Warning: NVR will require a reboot if there is change in the network



< Back

Next >

Cancel

Eth0 is the primary LAN port on the recorder
Eth1 is the secondary LAN port.

Each port can be individually configured if required.

Eth1 can have its DHCP server enabled by ticking "Enable PNP".

This will allow Eth1 to automatically programme and add cameras on its network.

By default, PNP is disabled
PNP can be enabled later in the setup

**FOR THE TRAINING SESSION ONLY PNP IS
ALREADY ENABLED**



WIZARD

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NVR Settings



Network port settings

RTSP Port:	556	TCP only
Maintenance Port:	8081	TCP only
Mobile Port:	50000	TCP only
ARC Port:	4995	TCP only

Warning: NVR will require a reboot on Mobile port change

[< Back](#)[Next >](#)[Cancel](#)

These ports would only have to be changed if there is a request from the customer or their IT department.

These ports apply to Eth0 only



WIZARD

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NVR Settings

DDNS settings

☐ DDNS Enable

DDNS Provider:

qvisddns

User Name:

Password:

Confirm Password:

DDNS Host Name:

Update Interval (minutes)

30

(Range 5-1439. Recommended 30.)

Warning: Configuring DDNS settings will take couple of minutes.

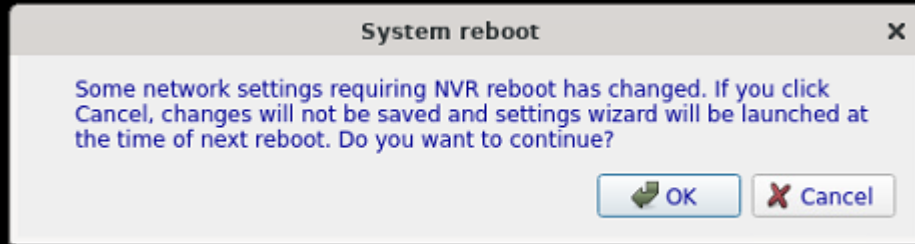
< Back

Finish

Cancel

DDNS services have been replaced by P2P

This setting had to be included to support legacy systems



If the network settings were modified, then this box will appear at the end of the wizard.

Click okay to restart the NVR

If no changes were made then click 'Finish'





IP CAMERA SETTINGS

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- Logout
- QR Code
- Settings**
- Camera GUI
- Language
- Camera Order
- ANPR
 - View 1
 - View 2
 - View 4
 - * View 4 Featured
 - View 6 Featured
 - View 8 Featured
 - View 9
 - View 13 Featured
 - View 16
 - View Connected
- Sequence
- Sequence Interval
- Login time out
- Search Analytics
- Smart Search
- Playback
- Restart
- Shutdown

VCP Settings

IP Camera

Analytics

Network Settings

NVR Settings

User

Alarm

Info

Support

IP Camera Management

IP Camera Settings

Recording Schedule

Camera Name	IP Address	Port	Interface	User Name	Status	Add
☐ IPCam 248.4	192.168.248.4	Default	eth1			
☐ IPCam 248.3	192.168.248.3	Default	eth1			
☐ IPCam 248.2	192.168.248.2	Default	eth1			
☐ IPCam 248.1	192.168.248.1	Default	eth1			
☐ IPCam 1.80	192.168.1.80	Default	eth0			
☐ IPCam 1.59	192.168.1.59	Default	eth0			
☐ IPCam 1.44	192.168.1.44	Default	eth0			

Discover

Manual Add

Add All

Add Selected

Camera Name	IP Address	Interface	Status	Preview	Info	Edit	Remove
-------------	------------	-----------	--------	---------	------	------	--------

Remove All

Remove Selected

Finished searching the IP Cameras in the network.

Close

The top frame shows any IP cameras detected and which port they are connected to.
i.e. Eth0 or Eth1



IP CAMERA SETTINGS

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VCP Settings

IP Camera Management | IP Camera Settings | Recording Schedule

Camera Name	IP Address	Port	Interface	User Name	Status	Add
☒ IPCam 248.4	192.168.248.4	Default	eth1			
☒ IPCam 248.3	192.168.248.3	Default	eth1			
☒ IPCam 248.2	192.168.248.2	Default	eth1			
☒ IPCam 248.1	192.168.248.1	Default	eth1			
☐ IPCam 1.80	192.168.1.80	Default	eth0			
☐ IPCam 1.59	192.168.1.59	Default	eth0			
☐ IPCam 1.44	192.168.1.44	Default	eth0			

Discover Manual Add Add All Add Selected

Camera Name IP Address Port Interface User Name Status Add Edit Remove

IP Camera Authentication

Username

Password

Confirm Password

Enter only if IP Cameras' credentials have been changed. Otherwise "default" credentials of known IPCs will be applied.

OK Cancel

Finished searching the IP Cameras in the network.

Close

To add cameras manually, select the cameras required.
Click 'Add Selected'.
Input camera credentials.

If the IP address of the camera is known, it can also be entered manually

IPCam Manual Add

IP Address

Camera Name

Port

IP Camera Authentication

Username

Password

Confirm Password

OK Cancel



IP CAMERA SETTINGS

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VCP Settings

IP Camera | Analytics | Network Settings | NVR Settings | User | Alarm | Info | Support

IP Camera Management | IP Camera Settings | Recording Schedule

Camera Name	IP Address	Port	Interface	User Name	Status	Add
☐ IPCam 1.80	192.168.1.80	Default	eth0			
☐ IPCam 1.59	192.168.1.59	Default	eth0			
☐ IPCam 1.44	192.168.1.44	Default	eth0			
☐ IPCam 1.246	192.168.1.246	Default	eth0			
☐ IPCam 1.245	192.168.1.245	Default	eth0			
☐ IPCam 1.244	192.168.1.244	Default	eth0			
☐ IPCam 1.243	192.168.1.243	Default	eth0			

Discover Manual Add Add All Add Selected

Camera Name	IP Address	Interface	Status	Preview	Info	Edit	Remove
☐ IPCam 248.4	192.168.248.4	eth1					
☐ IPCam 248.3	192.168.248.3	eth1					
☐ IPCam 248.2	192.168.248.2	eth1					
☐ IPCam 248.1	192.168.248.1	eth1					

Remove All Remove Selected

Finished searching the IP Cameras in the network.

Close

If PNP is active, the bottom pane will automatically be populated by cameras that will have been addressed and configured by the NVR into the 192.168.248. range



IP CAMERA SETTINGS

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

IP Camera Management IP Camera Settings Recording Schedule

Camera Name	IP Address	Port	Interface	User Name	Status	Add
☐ IPCam 1.80	192.168.1.80	Default	eth0			
☐ IPCam 1.59	192.168.1.59	Default	eth0			
☐ IPCam 1.44	192.168.1.44	Default	eth0			
☐ IPCam 1.246	192.168.1.246	Default	eth0			
☐ IPCam 1.245	192.168.1.245	Default	eth0			
☐ IPCam 1.244	192.168.1.244	Default	eth0			
☐ IPCam 1.243	192.168.1.243	Default	eth0			

Discover Manual Add Add All Add Selected

Camera Name	IP Address	Interface	Status	Preview	Info	Edit	Remove
☐ IPCam 248.4	192.168.248.4	eth1					
☐ IPCam 248.3	192.168.248.3	eth1					
☐ IPCam 248.2	192.168.248.2	eth1					
☐ IPCam 248.1	192.168.248.1	eth1					

Remove All Remove Selected

Finished searching the IP Cameras in the network.

Close

Camera Information

Name: IPCam 248.4
IP Address: 192.168.248.4
Serial No.: 8G08844PAG47A05
Subnet Mask: 255.255.255.0
Gateway: 192.168.248.254
DHCP: Static
Model: CTX-SMP-IPC-TUR3-FW
Manufacturer: General
Mac Address: fc:b6:9d:42:29:30
Firmware Version: 2.800.Cortex011.0.R, Build Date 2022-09-02
Video Encoder: H265

Displays the camera info, including if the IP address is static or dynamic

Allows you to change the camera name and input a new password if needed

IP Camera Edit Dialog

IP Address: 192.168.248.4
Camera Name: IPCam 248.4
Port: Default

IP Camera Authentication

Username: admin
Password:
Confirm Password:

Save Cancel



IP CAMERA SETTINGS

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

IP Camera Management IP Camera Settings Recording Schedule

Sl. No.	Camera Name	IP Address	Preview	Is Covert?	Audio?	Video Quality
Select All						
1	IPCam 1.104	192.168.1.104		☐	☐	Normal
2	IPCam 1.103	192.168.1.103		☐	☐	Normal
3	IPCam 1.101	192.168.1.101		☐	☐	Normal
4	IPCam 1.100	192.168.1.100		☐	☐	Normal
5	IPCam 1.102	192.168.1.102		☐	☐	Normal
6	IPCam 1.93	192.168.1.93		☐	☐	Normal

Preview Window

Apply Cancel More Motion Settings

Close

Covert:

This removes the camera from the live preview (on the NVR, App and CVMS) and can only be viewed with the correct logins.

Audio:

Enables the audio on the camera. This is off by default.

Video Quality:

The recorder will not change the resolution of the camera. The changes are made to the bandwidth and the FPS.

Normal Quality - 3Mbps on the Main Stream
512Kbps on the Sub Stream



This setting is on the Commander only

IP Camera Advanced Settings

Sl. No	Camera Name	IP Address	BitRate Control	BitRate	FPS	Encoder	Resolution
1	IPCam 1.128	10.1.1.128	VBR	1536	20	H.265	2592x1944

Apply

Close



CAMERA SETTINGS

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

IP Camera Management IP Camera Settings Recording Schedule

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Midnight							
00:30							
01:00							
01:30							
02:00							
02:30							
03:00							
03:30							
04:00							
04:30							
05:00							
05:30							
06:00							
06:30							
07:00							
07:30							
08:00							
08:30							
09:00							
09:30							
10:00							

Recording Schedule Settings

Name:

Apply to Day(s): ☒ Sun ☐ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat

Sl. No.	Camera Name	Use Defaults	Video Quality	Motion Sensitivity	Recording Type
1	IPCam 248.2	☐	Normal	Max	Motion
2	IPCam 248.1	☐	Normal	Med	Continuous
3	IPCam 248.3	☐	Normal	Off	Motion
4	IPCam 248.4	☐	Normal	Off	Continuous

Apply Cancel

Close

This page allows you to change certain cameras from continuous record to strict 'motion only' recording

Select your time range

Change the desired settings

Click apply and the schedule will change from blue to green

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

IP Camera Management IP Camera Settings Recording Schedule

	Sunday	Monday	Tuesday
Midnight			
00:30	Sun		
01:00			
01:30			
02:00	Sun		
02:30			
03:00			
03:30			
04:00			
04:30			
05:00			



NETWORK SETTINGS

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VCP Settings

IP Camera Analytics **Network Settings** NVR Settings User Alarm Info Support

DHCP/Manual and DNS Ports Email DDNS Time Server P2P Sentinel ARC Security

Enable PNP ☐

Interface: Eth0

Status: Connected

Configure: 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

Ethernet Speed: 1000baseT

Apply Cancel

Plug & Play (PnP) is a feature of the NVR where network configuration for the extra ports on the NIC is automatically setup as pre-configured static IP address. Factory defaulted IP cameras when plugged in to PnP network are automatically assigned static IP and added to the NVR

If PnP is disabled(default), user needs to setup the network configuration for the extra ports on the NIC with either DHCP (default) or static IP address in this dialog. IP camera needs to be pre-configured with DHCP or IP address before adding to the NVR.

Close

By ticking 'enable PNP' the second LAN port (Eth1) will become a DHCP server that will automatically find, readdress and add any CTX branded camera.

When this mode is selected, the NVR will restart to apply the settings.

If 'Enable PNP' is left unticked, then each LAN port operates independently of each other. This allows you to create a secure camera network that is separate to the customers network.

This can be configured manually to any IP settings you would need.

Please note: Port Forwarding is only available on Eth0



NETWORK PORT SETTINGS

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

DHCP/Manual and DNS Ports Email DDNS Time Server P2P Sentinel ARC Security

Maintenance Port: 8081 TCP Only

Mobile Port: 50000 TCP Only

ARC Port: 4995 TCP Only

RTSP Port: 556 TCP Only

Apply Cancel

Close

If the NVR is placed behind a Firewall or is being monitored by an Alarm Receiving Centre, then these ports may need to be opened.

These ports can be customised as needed.

All ports are TCP protocol and need to be bi-directional



NETWORK SETTINGS

VCP Settings

IP Camera Analytics **Network Settings** NVR Settings User Alarm Info Support

DHCP/Manual and DNS Ports **Email** DDNS Time Server P2P Sentinel ARC Security

SMTP Port: 587

Server Name: smtp.gmail.com

Sender User Name:

Sender e-mail ID:

Password:

Confirm Password:

NVR Identification: qvis-6086e4 [Verify Server Config]

The subject line of emails sent from this NVR will be prefixed with the NVR identification string.

Recipient e-mail IDs: [Configure]

To specify recipient email IDs, click Configure button. This will open a dialog box to specify recipient email IDs. Multiple email IDs can be specified. Type email ID in the Email ID: text box and click Add button to add it to the list. You can delete the email IDs from the list using Delete button and you can test the email configuration using Test Email button. After specifying email IDs, click OK button to save the list. Note that if a previously configured recipient ID is no longer present in the list being updated, it will also be removed from custom recipients list if configured for any event or alarm under Alarm settings.

An email account is not yet configured. Please configure.

[Apply] [Cancel]

[Close]

Up to 100 E-mail addresses can be registered to the NVR.

Each Address can have a different trigger.
i.e. service messages go to installer, Alarm messages go to customer

VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm **Sentinel ARC** Info Support

DHCP/Manual and DNS Ports Email DDNS Time Server P2P **Sentinel ARC** Security

Host Address:

Port Number: (1 - 65535)

Entity ID:

Enable Transmitter Test: ☐ Interval: [] Mins (1-1440)

Video Duration:

On Sensor trigger, a video of below duration is pushed to ARC, provided "Notify Alarm Receiving Center" option is checked in "Alarms" menu.

Pre-Context Interval: [1] Seconds

Post-Context Interval: [7] Seconds

[Test ARC Connection]

[Apply] [Cancel]

[Close]

These details will be provided to you by your ARC. The NVR already has the subroutines for all major Alarm Receiving Centres



QR CODE & P2P

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

DHCP/Manual and DNS Ports Email DDNS Time Server **P2P** Sentinel ARC Security

NVR ID:
QVDC000001440BEE70

☒ Enable P2P



P2P (peer to peer) is disabled by default.
This is to comply with the British Standards
Grading.

Click to enable.

The App is called Cortex GO and is
available on Google Play store and IOS
App store.

The App is free of charge and can
support over 100 NVRs



NVR SETTINGS

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VCP Settings

IP Camera Analytics Network Settings **NVR Settings** User Alarm Info Support

General Identification and Reboot Date Time Recording Parameters Display/Monitor/TV

☐ Display NVR settings wizard on power up

☐ Revert back to main layout from flash triggered full-screen in 15 seconds (Range 5 - 30)

☐ Show NVR's QR Code when starting

Push Notification frequency : 2 minutes (Range 1- 2000)

Current Set Language : English

Cancel Apply

Close

Display NVR settings wizard on power up:

By selecting this, the settings wizard will open when the NVR powers up.

Revert to main layout from flash triggered full screen after X seconds: When Video alarm triggers, that video stream will be pushed to full screen. Time set here will decide the time before reverting to main layout.

Show NVR's QR Code when starting: Displays NVR's QR code required to enable P2P for mobile client on power up.

Notification frequency(minutes): Push notification frequency can be set here.



NVR SETTINGS

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VCP Settings

IP Camera Analytics Network Settings **NVR Settings** User Alarm Info Support

General Identification and Reboot Date Time Recording Parameters Display/Monitor/TV

NVR name and description

Name:

Description:

Auto Reboot Settings

Set Time

Hour: Minutes:

Frequency

☒ Weekly Day:

☐ Monthly Date:

☐ Never

Last reboot time: Tuesday 29 August 2023 10:57:49 AM BST

Apply Cancel

Close

NVR name and description: This menu allows you to give a name and brief description to the NVR. This is useful if you have multiple NVR's in your network

Auto Reboot Settings: This allows you to set up an automatic restart at a specific and repeated time.

'Set Time' Radio Button : This enables the Auto Reboot function, which can be set up using the Hour/Mins/Day drop down menus. Under 'Frequency' option, user has 3 options. User can select from 'Weekly Day', 'Monthly Date' and 'Never' options for Auto Reboot Settings.

Last reboot time: This states the date and time of the last restart.



NVR SETTINGS

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VCP Settings

IP Camera Analytics Network Settings **NVR Settings** User Alarm Info Support

General Identification and Reboot **Date Time** Recording Parameters Display/Monitor/TV

Date Format Options: dd-mm-yyyy

Time Format Options: hh:mm:ss 24-hour day

Date: 31-08-2023 Time: 11:24:09

Current Time Zone: Europe/London(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London

Select Time Zone: Europe/London(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London

Apply Cancel

Close

Date Time:

This allows you to set the date, time and time zone.

DST will automatically adjust to the selected timezone.

If the Time or Date is changed, you will be logged out.



NVR SETTINGS

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VCP Settings

IP Camera Analytics Network Settings **NVR Settings** User Alarm Info Support

General Identification and Reboot Date Time **Recording Parameters** Display/Monitor/TV

☐ Maximum age for stored videos:

Days (Allowed 1-99)

Actual age for stored videos could be lower if enough disk space is not available.

☒ Always maintain at least 1 frame per second of recorded video when using Motion Sensitivity.

Alarm and Motion Recording Interval settings:

Pre-context Interval: seconds

Post-context Interval: seconds

Apply Cancel

Close

Recording Parameters:

Maximum age for stored videos: This will set a maximum age for footage, once recordings reach this age, they are deleted. This is good for scenarios where legal compliance only allow footage to be held on-site for a certain amount of time.

This option tells the recorder to always record at least 1 fps but scale up the recorded frame rate according to how much motion is in the scene. This allows the 'heart rate monitor' bar in playback. This will also work on all cameras attached to the NVR



NVR SETTINGS

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VCP Settings

IP Camera Analytics Network Settings **NVR Settings** User Alarm Info Support

General Identification and Reboot Date Time Recording Parameters **Display/Monitor/TV**

☐ Enable Energy saving display mode

Recommended Monitor Resolution: 1920x1080

Monitor Resolution: 1920x1080 ☐ Use Custom Mode

Apply Cancel

Close

You can enable monitor power saving option by selecting this option as shown in the red box.

NVR will automatically detect the resolution settings of the attached monitor. Drop down menu will show all available resolutions for attached monitor.

Video Wall

Do you want to keep this configuration? (7).

Save Cancel

Once the resolution has been changed this message will appear. If an incorrect resolution has been selected, the NVR will revert to previous settings after 15 seconds



USER SETTINGS

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

Select a User Name

- admin(enabled)
- admin_remote(enabled)

Apply to selected User

- Enable Account
- Disable Account
- View/Modify Privileges
- Add a New User
- Delete a User
- Change Password

Close

These allow you to disable and re-enable a user account.

These allow you to add or delete a user. Currently you can have 100+ users added to the system

Add New User

Username:

Password:

Confirm Password:

Apply Cancel

As a super user you can change any user password without having their previous password

Update password

Password:

Confirm Password:

Apply Cancel



USER SETTINGS

PURETECH

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UserPrivileges

User : **Demonstration**

Local	Remote	Privilege Description
☐	☐	Allow All privileges
☒	☒	Playback Recorded Video
☐	☐	Set the Recording Schedule
☒	☒	Control Pan/Tilt/Zoom
☐	☐	Change the Camera Settings
☐	☐	Change the NVR Settings
☒	☒	Backup Video
☐	☐	Set the Date/Time
☐	☐	View Covert Cameras
☒	☒	Update NVR Software and Reboot/Shutdown the NVR
☐	☐	Change the Network Settings
☐	☐	Change the Alarm Settings
☐	☐	Restrict Cameras (Click Icon to select cameras)

Number of restricted local cameras: 0
Number of restricted remote cameras: 0

Apply Cancel

Local settings are for the NVR, Remote settings are for external access via the app, CVMS or a locally connected PC

This lets you tailor the individual user permissions. The ones I have ticked are the most common for a non-admin customer

Select Cameras

Select All Unselect All

- ☐ IPCam 248.2
- ☐ IPCam 248.1
- ☐ IPCam 248.3
- ☐ IPCam 248.4

OK

This function lets you limit what cameras the user can see. Local and remote can have different cameras.



ALARM SETTINGS

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

Sensor Alarm Motion Alarm System Alarm Audible Alarm Relay Settings IP Sensor Settings

Select All	☐	Off	None	☐	☐	☐	☐	No	No Email
IPCam 248.2	☒	Max	None	☐	☒	☐	☒	No	No Email
IPCam 248.1	☐	Off	Human	☐	☐	☐	☐	No	No Email
IPCam 248.3	☐	Off	Vehicle	☐	☐	☐	☐	No	No Email
IPCam 248.4	☐	Off	Both	☐	☐	☐	☐	No	No Email

Apply Cancel More Motion Settings Email Recipients

Close

This section allows you to set up the Advanced Motion Detection

This will work on any camera connected to the system



Set the sensitivity



Set the target type



Record Channel



Log Event



Audible Alarm (if amplifier connected to NVR)



Allow App notifications



Video Alarm (full screen pop-up)

Send Email



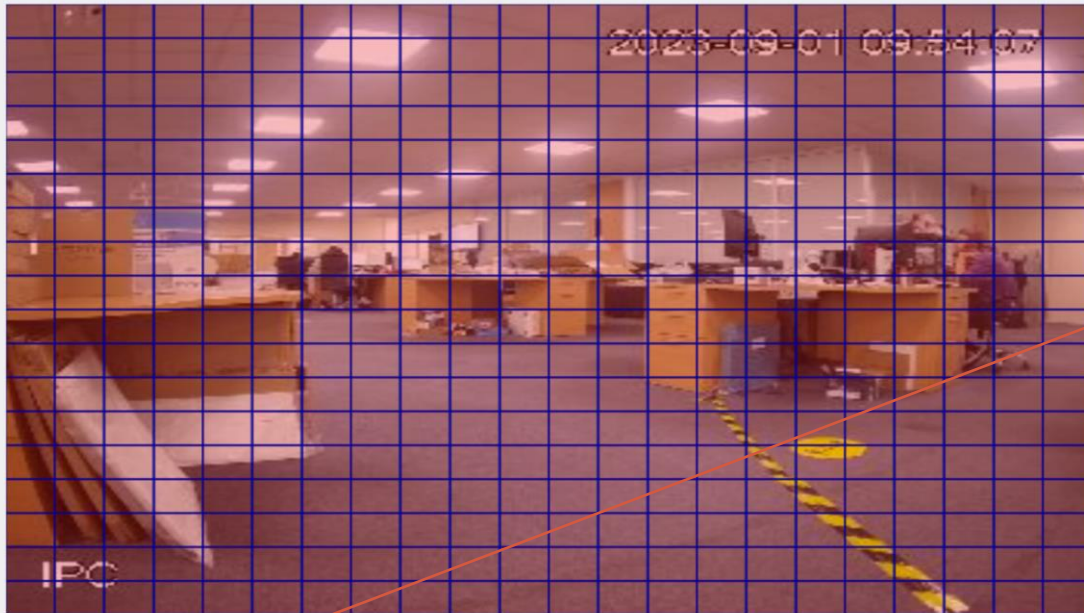
ALARM SETTINGS

PURETECH

λ | C O R T E X

IP Camera Motion Region Selection

IPCam 248.1



Clear All

Select All

Regions Included: None

X Close

✓ Apply

Click on 'More Motion Settings'

The 'IP Camera Motion Region Selection' window will appear.

Select camera from drop down menu.

A grid will be displayed.

NOTHING IS CURRENTLY SELECTED

Draw your detection area

Click 'APPLY' when done



ALARM SETTINGS

PURETECH

λ | C O R T E X

VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

Sensor Alarm Motion Alarm System Alarm Audible Alarm Relay Settings IP Sensor Settings

System Events	Log Event	Push Notification	Audio Alarm	Send Email	Custom Email Recipients
HDD Added/Failed/Removed	☒	☒	☐	☐	Select
IP Camera Added/Failed/Disconnected	☒	☒	☐	☐	Select
Minimum IP Camera disconnection duration	2	Minutes			

Apply Cancel

Close

This menu allows you to setup alerts if there is a system event in the NVR. When Event is detected, you can set up, up to three different ways to be alerted.

1. HDD Added/Failed/Removed: If new Hard disk is added or existing is removed / failed then λ|Cortex NVRs will send alert.
2. IP Camera Added/Failed/Disconnected: If new IP Camera is added or existing is removed or disconnected then λ|Cortex NVRs will send alert.
3. Minimum IP Camera disconnection duration: You can set minimum time for IP camera disconnection duration. If time exceeds the set limit, then NVR will send alert.



ALARM SETTINGS

PURETECH

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

Sensor Alarm Motion Alarm System Alarm Audible Alarm Relay Settings IP Sensor Settings

Audible Alarm Duration

Duration in Seconds (Allowed range is 10-900 seconds)

Apply Cancel

Audible Alarm Control

"Test Alarm" tests the Audible Alarm for above set duration.
"Stop Alarm" stops the Audible Alarm.

Test Alarm Stop Alarm

Close

An audible alarm is only available if there is something (Amplifier, Speakers) connected to the audio out of the NVR

If the NVR is monitored by ARC and uses audio challenges, then this screen can be used to test volume levels

In The Commander NVR, Audible Alarm settings are not supported.



ALARM SETTINGS

PURETECH

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VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

Sensor Alarm Motion Alarm System Alarm Audible Alarm Relay Settings IP Sensor Settings

IP Sensor Name	IP Address	User Name	Status	Edit	Sensor Settings	Relay Settings
----------------	------------	-----------	--------	------	-----------------	----------------

Add IP Sensor Device

IP Address

IP Sensor Name

IP Sensor Authentication

Username

Password

Confirm Password

OK Cancel

Add IP Sensor Device Remove All Remove Selected

Close

This menu allows you to configure IP Sensor Devices

Sensors can include IP based GJD PIR's, Takex beams etc

Click 'Add IP Sensor Device'

Enter the credentials of the sensor



VCP Settings

IP Camera | Analytics | Network Settings | **NVR Settings** | User | Alarm | Info | Support

System Info | Video Info | Event Log

Software Version 11.9.0.14380

Unit ID qvisnvr-1661513214

System ID QVDC000001440BEE70

Operating System QvisLabs NVR 22.04

Motherboard Gigabyte Technology Co., Ltd. (H410M H V2)

CPU Type Intel(R) Core(TM) i5-10400 CPU @ 2.90GHz

Raw Disk Space 7.50 TB

Hard Drive(s)

IP Address 192.168.1.213

MAC Address 74:56:3C:60:86:E4

Configuration Details

Licensed IP Cams: 16

Configured sensors: 0

Configured Airlocks: 0

Security Level: 0

IP Camera: ● ● ● ● 4

Sensor:

Relay:

This is your NVR details screen

When you click on 'Show' button, a pop-up window will appear. It will give Hard Disk information. In The Commander NVR, in addition to above information, it also shows 'Disk States' whether good or bad and also 'Disk Usage' information.

HDD info

Sl.No.	Device	Serial No.	Size	Blacklisted	Model	Vendor
1	sdb	NA	14 GB	No	SanDisk 3.2Gen1	USB
2	sda	VRH9GWRK	8 TB	No	WDC WD8001PURP-8	ATA

These NVR's can have upto 30TB drives per channel



VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

System Info Video Info Event Log

Actual Days Recording on HDD 2.9 days (6.4% HDD used)

Estimated Disk Capacity 47.6 days

Decrease Video Quality One Level 70.1 days

Increase Video Quality One Level 41.6 days

Oldest Video Tue Aug 29 2023 16:47:33 (GMT) Green

Camera Name	Date/Time of Oldest Recorded Video
IPCam 248.2	Tue Aug 29 2023 16:47:33 (GMT) Green
IPCam 248.1	Tue Aug 29 2023 16:47:37 (GMT) Green
IPCam 248.3	Tue Aug 29 2023 16:47:34 (GMT) Green
IPCam 248.4	Tue Aug 29 2023 16:47:51 (GMT) Green

Close

This is how many days are on the NVR, and will be shown on the calendar in Playback

Estimated Disk Capacity based on current camera quality settings and AI settings. This becomes more accurate over time.

This allows you to change the video quality on all cameras simultaneously to increase/decrease recording time.

Please note: that this setting does not affect the resolution of the camera, just the mainstream bandwidth



INFORMATION

PURETECH

λ | C O R T E X

VCP Settings

IP Camera

Analytics

Network Settings

NVR Settings

User

Alarm

Info

Support

System Info

Video Info

Event Log

[Fri Sep 1 12:59:59 2023] ALARM: Line Crossing triggered for IPCam 248.3

[Fri Sep 1 12:59:59 2023] ALARM: Line Crossing deactivated for IPCam 248.3

[Fri Sep 1 13:00:38 2023] ALARM: Line Crossing triggered for IPCam 248.3

[Fri Sep 1 13:00:38 2023] ALARM: Line Crossing deactivated for IPCam 248.3

[Fri Sep 1 13:04:27 2023] ALARM: Line Crossing triggered for IPCam 248.3

[Fri Sep 1 13:04:27 2023] ALARM: Line Crossing deactivated for IPCam 248.3

[Fri Sep 1 13:10:13 2023] ALARM: Line Crossing triggered for IPCam 248.3

[Fri Sep 1 13:10:13 2023] ALARM: Line Crossing deactivated for IPCam 248.3

[Fri Sep 1 13:14:39 2023] ALARM: Line Crossing triggered for IPCam 248.3

[Fri Sep 1 13:14:39 2023] ALARM: Line Crossing deactivated for IPCam 248.3

[Fri Sep 1 13:15:13 2023] ALARM: Line Crossing triggered for IPCam 248.3

[Fri Sep 1 13:15:13 2023] ALARM: Line Crossing deactivated for IPCam 248.3

[Fri Sep 1 13:24:35 2023] ALARM: Line Crossing triggered for IPCam 248.3

[Fri Sep 1 13:24:35 2023] ALARM: Line Crossing deactivated for IPCam 248.3

☒ Enable Advanced Search

☒ Enable Autoscroll

Clear Log

Advanced Search

First

Previous

Next

Last

Select a Date:

31/08/2023

Go to Date

Close

This is the log of the NVR
The log will hold upto 10,000 entries

Entries will include:
Changes made
Logins/attempted logins
Remote logins including the IP address of the login
Camera failure/disconnections
Backups completed/attempted

Even if the log is cleared on the GUI the master log is on the NVR for life (this is to meet the BS standards on forensic level logging)



SUPPORT SETTINGS

PURETECH

λ | C O R T E X

VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

Auto Update Manual Update Upload Logs NVR Maintenance Export Import

Update options: Auto Install (Recommended)

Check: Every Thursday at 11:30

Event Notification

☐ Notify mobile clients

☐ Send email

Email Address

Cancel Apply

Close

Auto Install (Recommended)
Download and Notify
Never (Not Recommended)

Auto Software Update: This enables the system to automatically check for and install software updates, the day and time of the update check is set below.

'Auto install' will download and install software when updates are available. Which is recommended by the Qvis.

'Download and Notify' will download the software and will send event notification to Mobile clients/Email asking permission for installation.

'Never' option will not download any software updates, which is not recommended.



SUPPORT SETTINGS

PURETECH

λ | C O R T E X

VCP Settings

IP Camera

Analytics

Network Settings

NVR Settings

User

Alarm

Info

Support

Auto Update

Manual Update

Upload Logs

NVR Maintenance

Export Import

Please be patient.

Software download process will take atleast 2 minutes and possibly as long as 5 to 10 minutes depending upon the NVR's Internet connection speed.

☒ Immediate update via Internet

☐ Update using USB

☐ Download to USB

Find USB Drives

Please Select a USB Drive From This List

Safely Unmount USB

Apply

Close

This page allows you to manually update the recorder.

Via Internet:

Connects to Cortex FTP server and downloads the latest update

Via USB:

If you have the firmware downloaded onto a usb stick

Download to USB:

This function allows you to download the firmware from the NVR to use on other units, i.e. on a site with multiple recorders but terrible internet etc



SUPPORT SETTINGS

PURETECH

λ | C O R T E X

VCP Settings

IP Camera

Analytics

Network Settings

NVR Settings

User

Alarm

Info

Support

Auto Update

Manual Update

Upload Logs

NVR Maintenance

Export Import

Select one of the Radio Buttons below and click on Apply Button to upload information to cloud or Download it to USB, that can assist Qvis Labs in rectifying problems with the NVR. The information uploaded does not include any confidential information such as video, user account settings and privacy settings.

Please be patient.

This process will take atleast 2 minutes and possibly as long as 5 to 10 minutes depending upon the NVR's Internet connection speed and size of the files.

☒ Upload to Qvis Labs

☐ Download to USB

Find USB Drives

Please Select a USB Drive From This List

Safely Unmount USB

Apply

Close

If you need anything from the master log that isn't viewable on the GUI, then the logs can be uploaded to us.

If there is a specific date that is required then an email would need to be sent to support@qvis.co.uk along with the NVRs unit ID (available on the system info screen)

Sometimes technical may ask you to upload the logs if you are experiencing issues. This can be done via the internet or downloaded to USB if the NVR is offline



SUPPORT SETTINGS

PURETECH

λ | C O R T E X

VCP Settings

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

Auto Update Manual Update Upload Logs NVR Maintenance Export Import

Cleanup files

Please use the "Delete Video Files" option if you want to delete all the video files.
Please note that this requires Authentication password.

☐ Delete Video Files

Please use the "Delete Video and Config Files" option if you want to delete all the video and configuration files.
Please note that this requires Authentication password.

☐ Delete Video and Config Files

Close

Due to the British Standards criteria installers cannot factory default the NVR without support from Qvis

This is to allow a 'paper trail' to be made between yourselves and us showing a request to factory default the NVR.

The logins needed to perform this are not known to anyone outside of Qvis.

This process is in place to ensure the security of the device and that it cannot be reset if stolen, footage cannot be easily removed/deleted, customers can't 'accidentally' reset the unit and change the admin user



SUPPORT SETTINGS

PURETECH

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The screenshot shows a web-based configuration window titled "VCP Settings". It has a top navigation bar with tabs: IP Camera, Analytics, Network Settings, NVR Settings, User, Alarm, Info, and Support. The "Support" tab is selected. Below the navigation bar is a sub-menu with tabs: Auto Update, Manual Update, Upload Logs, NVR Maintenance, and Export Import. The "Export Import" tab is selected. The main content area is titled "Export/Import NVR files" and contains two sections. The first section, "Export option", states: "Export option allows to export NVR settings, video metadata required to reconstruct the latest version NVR." and has a radio button labeled "Export". The second section, "Import option", states: "Import option allows you to import NVR settings, video metadata exported from another NVR to reconstruct the latest version NVR." and has a radio button labeled "Import". At the bottom of the window, there is a "Close" button and a small logo.

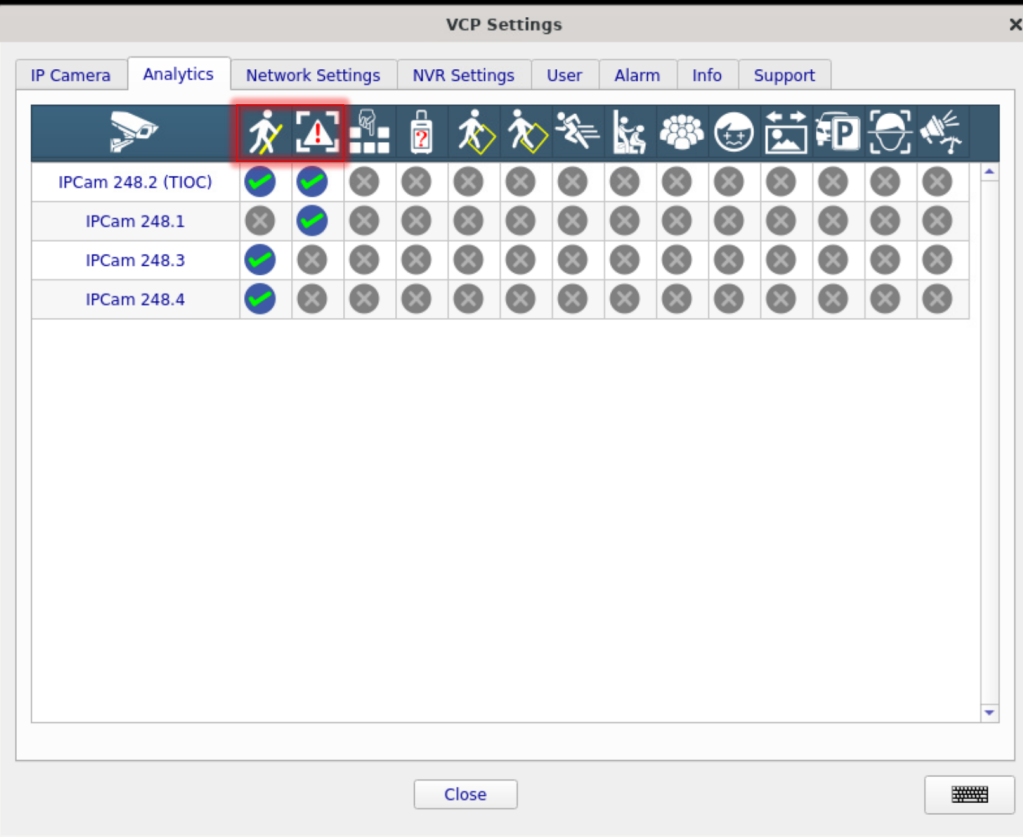
The function of this page is to allow the installer to Export the system configuration onto a USB stick.

This can be used in a few ways:

Backup in case the recorder fails, and a new device is provided.

Similar settings are being used on multiple recorders and this is being used to speed up install.

Please note that AI rules are not included in the export as they are retained on the cameras.



AI Analytics require an AI capable camera to be connected.

The 2 main types used on the NVRs are:



Line Crossing (Tripwire)

Allows you to add line(s) to the video to act as virtual tripwires



Area Intrusion

Allows you to draw an area that will alarm when entered, crossed or appeared in



Tripwire



Region Exit



Scene Change



Intrusion Area



Fast Moving



Parking Detection



Object Missing



Loitering Detection



Face Detection



Unattended Item



People Gathering



Abnormal Audio

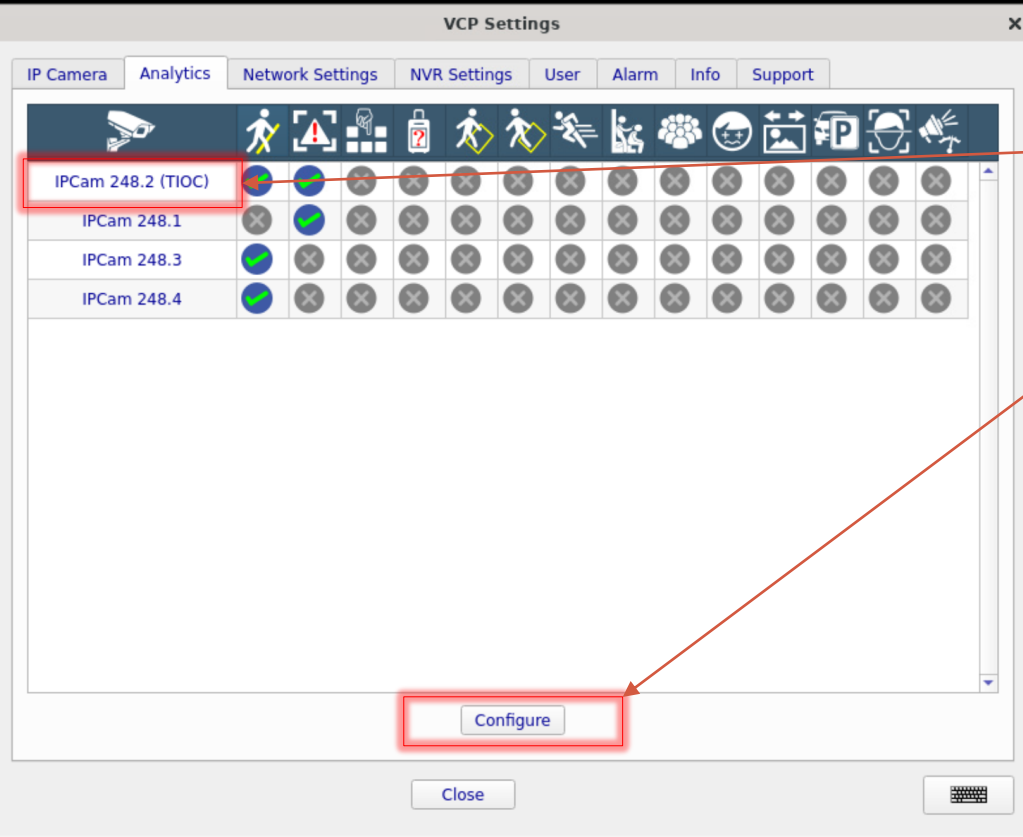


Region Entrance



Blurred Detection

Note:
Not all Analytics functions are available
for all cameras



Double click the camera that you would like to configure

Or

Highlight the camera and click Configure

Configure Analytics

IPCam 248.1

Parameter Settings

Analytics Type Line Crossing

☒ Enable

Area of Interest 1

Target ☐ Vehicle ☒ Human

Direction L<->R

Warning ☒ Light ☒ Audio

Alarm Settings

☐ Log Event ☒ Audible Alarm ☒ Push Notify

Video Alarm No **Relay** None **Email Settings** No Email



Parameter Settings: Parameter settings has drop down menu to select 'Analytics feature' to be configured and its corresponding parameter options.

Enable: Checkbox to enable/disable the analytics feature.

Direction:

Dropdown list to select direction for line crossing feature. Directions can be:

- L->R: Left to Right (Objects crossing left
- L<-R: Right to Left (Objects crossing right
- L<->R: Bidirectional (Objects crossing both



Configure Analytics

IPCam 248.1

Parameter Settings

Analytics Type

Area Intrusion

☒ Enable

Area of Interest

1

Target

☐ Vehicle ☒ Human

Action:

☒ Appear ☒ Cross ☒ Inside Region

Warning

☒ Light

☒ Audio

Alarm Settings

☒ Log Event ☐ Audible Alarm ☒ Push Notify

Video Alarm

Relay

Email Settings

No

None

No Email

Email Recipients

IPC

2023-09-28 11:29:08

Clear Region

Apply

Close



CAMERA GUI

PURETECH

λ | C O R T E X





CAMERA GUI

PURETECH

λ | C O R T E X

λ | C O R T E X

Live

Playback

Setting

Alarm

Logout

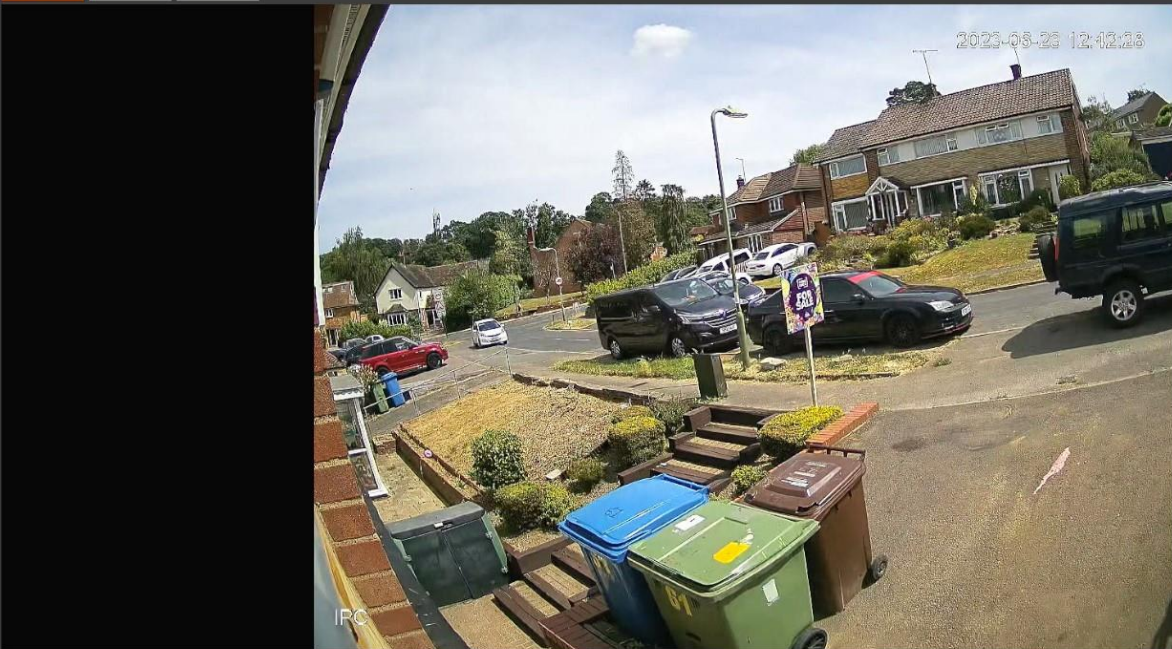
Main Stream

Sub Stream 1

Sub Stream 2

2023-05-25 12:42:23





IPC

 Enable Remote Support
Enable Remote Support



OTHER SETTINGS

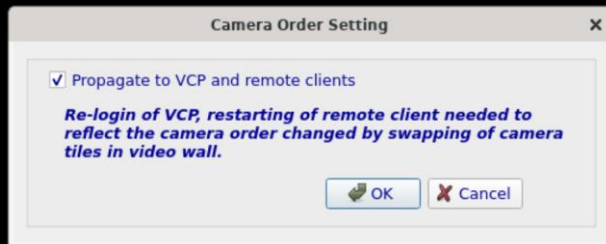
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There are 5 language options:
English, Arabic, Bulgarian, German and Italian

The cameras can be drag and dropped into any required sequence. This option allows you to save the settings and send the new order out to all remote devices



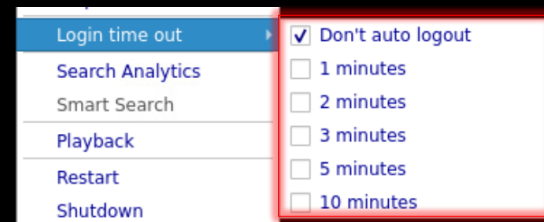
Change the live view layout of the cameras.



Let's the NVR sequence through the cameras of the current Live Display.
i.e. if you are on a 9 split, it will cycle through those 9 cameras.

Sequence time can be set between 5 and 50 seconds

Login Timeout is off by default.
It is recommended to re-enable before finishing installation





LOGIN & SHUT DOWN PROCEDURE

PURETECH

λ | C O R T E X

- Logout
- QR Code
- Settings
- Camera GUI
- Language
- Camera Order
- ANPR
 - View 1
 - View 2
 - View 4
 - * View 4 Featured
 - View 6 Featured
 - View 8 Featured
 - View 9
 - View 13 Featured
 - View 16
 - View Connected
- Sequence
- Sequence Interval
- Login time out
- Search Analytics
- Smart Search
- Playback
 - Restart
 - Shutdown

To Restart or Shutdown the NVR the user will need to have the correct permissions

When selected the account information window will appear.

Please Enter Account Information

User Name:

Password:

[Forgot Password](#)





PLAYBACK

PURETECH

λ | C O R T E X

Logout

QR Code

Settings

Camera GUI

Language

Camera Order

ANPR

View 1

View 2

View 4

* View 4 Featured

View 6 Featured

View 8 Featured

View 9

View 13 Featured

View 16

View Connected

Sequence

Sequence Interval

Login time out

Search Analytics

Smart Search

Playback

Restart

Shutdown

2023-08-29 00:00:13

Select layout

Select Date

Select Camera

Cameras For Playback:

- IPCam 248.2
- IPCam 248.3
- IPCam 248.4
- IPCam 248.1

IPC

LED 2D Light

IPC 248.2 1x

August 29 2023 00:00:00

Synchronous Playback Mode Switch to Asynchronous

29 08 2023 11:13:31

Heartbeat monitor

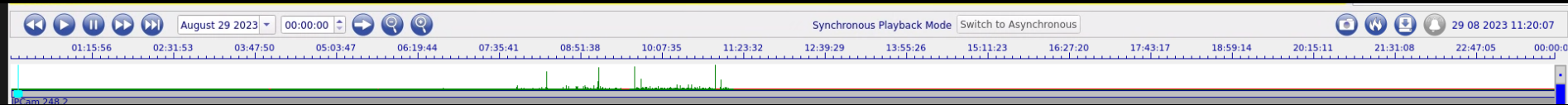


PLAYBACK

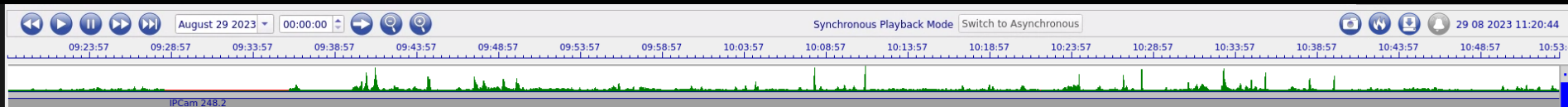
PURETECH

λ | C O R T E X

The playback line shows a 24-hour period

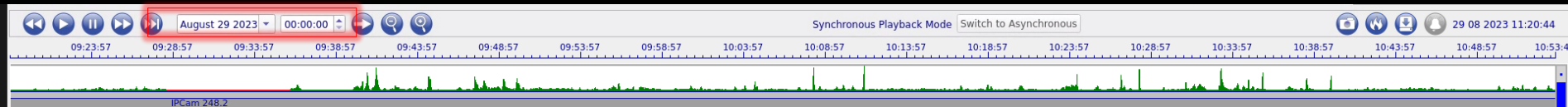


Scroll up with the mouse wheel to zoom in



The bigger the spike, The bigger the motion in front of the camera. Click on the spike to jump to the footage

Can be used to jump to a time and date if known



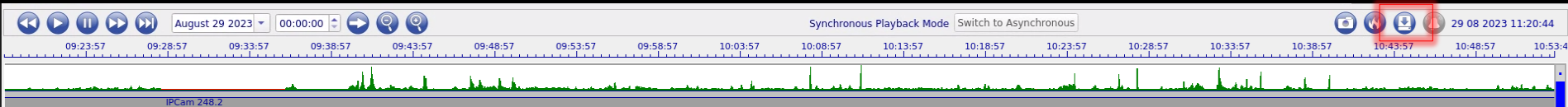


PLAYBACK

PURETECH

λ | C O R T E X

To start backing up footage. Click this icon



New Backup

No Incidents To Display

New Edit Delete

Estimated Backup Size: 0 MB

Backup Drive: Please Select a Drive From This List

Find Drives Drive Information Safely Unmount USB

No incidents or drive selected for backup

Backup Now Quit

Click 'New'

Incident Editor

☐ IPCam 248.2
☐ IPCam 248.3
☐ IPCam 248.4
☐ IPCam 1.233
☐ IPCam 248.1

Cameras Selected: 0

Incident Start Time: August 25 2023 00:00:00
Incident End Time: August 25 2023 00:10:00
Incident Duration: 10 minutes 0 seconds

Incident Name: I-X-20230825000000-20230825001000

☒ Generate Incident Name Automatically

OK Close

Select your cameras, date
and time. Click OK

New Backup

Incidents

- I-12-20230825000000-20230825001000
 - IPCam 248.2
 - IPCam 248.3
 - Start Time: August 25 2023 00:00:00
 - End Time: August 25 2023 00:10:00

New Edit Delete

Estimated Backup Size: 0 MB

Backup Drive: Please Select a Drive From This List

Find Drives Drive Information Safely Unmount USB

No incidents or drive selected for backup

Backup Now Quit

Select your incidents,
Click 'Find Drives'

New Backup

Incidents

- I-1230-20230826000000-20230826001000
 - IPCam 248.2
 - IPCam 248.3
 - IPCam 248.4
 - IPCam 248.1
 - Start Time: August 26 2023 00:00:00
 - End Time: August 26 2023 00:10:00

New Edit Delete

Estimated Backup Size: 760 MB

Please Select a Drive From This List

Backup Drive: USB: /media/KINGSTON (14586 MB available)

Find Drives Drive Information Safely Unmount USB

Ready for backup

Backup Now Quit

Select your drive, Click
'Backup Now'

[Logout](#)[QR Code](#)[Settings](#)[Camera GUI](#)[Language](#)[Camera Order](#)[ANPR](#)[View 1](#)[View 2](#)[View 4](#)[* View 4 Featured](#)[View 6 Featured](#)[View 8 Featured](#)[View 9](#)[View 13 Featured](#)[View 16](#)[View Connected](#)[Sequence](#)[Sequence Interval](#)[Login time out](#)[Search Analytics](#)[Smart Search](#)[Playback](#)[Restart](#)[Shutdown](#)

1.Set your date range

2.Choose detection type

3.Choose camera

4. Click Search

5.Results are displayed in the table below

Search Criteria

From Aug 30 2023 12:00:00 AM
To Aug 30 2023 10:30:00 PM
Duration 0 22 30 0

Days Hours Minutes Seconds

Search Features

Line Crossing
Area Intrusion
Object Missing Detection
Unattended Object Detection
Region Entrance
Region Exit
Fast Moving
Loitering Detection
People Gathering
Blurred Detection
Scene Change Detection
Parking Detection
Face Detection
Smart Motion Detection

Search Cameras

IPCam 248.2
IPCam 248.3
IPCam 248.4
IPCam 248.1

Search

No Camera

30 08 2023 10:30:10

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

Refresh < > Export



PLAYBACK

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Logout

QR Code

Settings

Camera GUI

Language

Camera Order

E-PTZ

PTZ

Play Audio

ANPR

View 1

View 2

View 4

View 4 Featured

View 6 Featured

* View 8 Featured

View 9

View 13 Featured

View 16

View Connected

Sequence

Sequence Interval

Login time out

Search Analytics

Smart Search

Playback

Instant Playback

Restart

Shutdown

1. Choose Camera

Select Regions to Include from Activity Calculation

IPCam 248.2

Start Time August 30 2023 00:00:00 End Time 23:59:59

Sensitivity

2023-08-30 10:45:38

Clear All Select All

Regions Included: 50

X Close ✓ Apply

2. Set date range

3. Draw detection Area

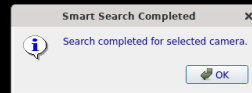
4. Click Apply



PLAYBACK

PURETECH

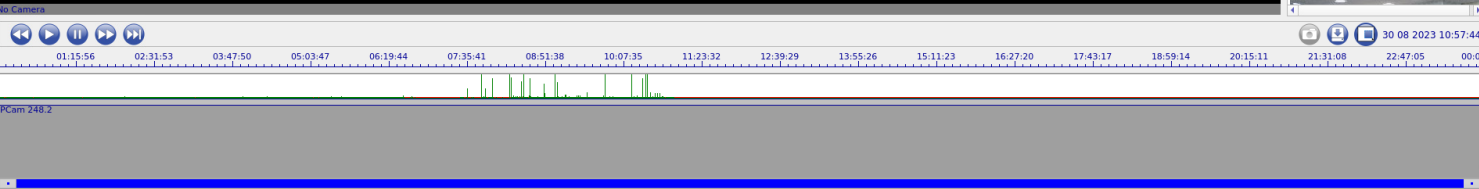
λ | C O R T E X



Results will appear down the right-hand side of the screen. Just double-click to play.

Be Aware that this feature uses pixel change as its detection method

It will also view shadows and light changes as motion



Parameter Settings

Enable ANPR ☒

Area of Interest

Confidence Threshold

Range of Plate Width

Range of Symbol Count

Result Delay sec

Time to Live sec

Alarm Settings

☐ Log Event ☐ Audible Alarm ☐ Push Notify

Video Alarm **Email Settings**

Relay

Alarm will be triggered only for white listed vehicle.

ANPR Parameters

Cam00
2023-09-04 15:01:06 Mon.
127kbps 15fps



Cameras For Playback

ANPR

Click 'Parameters'

A window will open

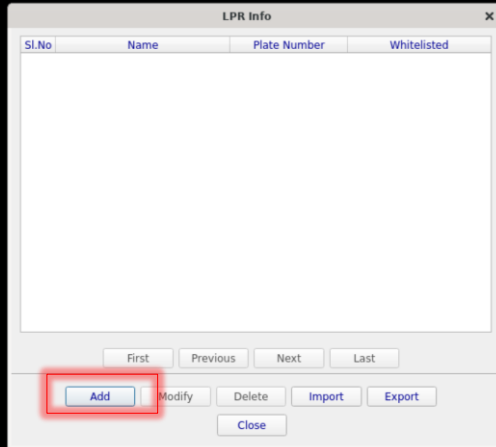
This window allows you to configure the cameras detection zone and other ANPR settings

ANPR Events

Area ID	Plate No	Country	Direction	Date	Time	Info
---------	----------	---------	-----------	------	------	------

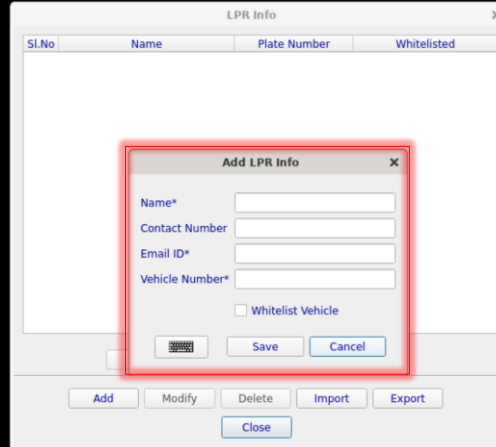
☒ Auto Refresh

To add vehicles to the database
Click 'Vehicle Info'



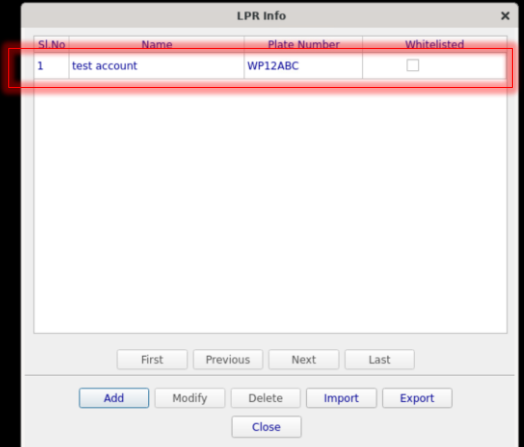
The screenshot shows the 'LPR Info' window with a table containing columns: SI.No, Name, Plate Number, and Whitelisted. The table is currently empty. Below the table, there are navigation buttons: First, Previous, Next, Last. At the bottom, there are action buttons: Add, Modify, Delete, Import, Export, and a Close button. The 'Add' button is highlighted with a red rectangular box.

Click 'Add'



The screenshot shows the 'LPR Info' window with the 'Add LPR Info' dialog box open in the center. The dialog box has fields for Name*, Contact Number, Email ID*, and Vehicle Number*. There is also a checkbox for 'Whitelist Vehicle' and 'Save' and 'Cancel' buttons. The entire dialog box is highlighted with a red rectangular box.

Input vehicle details
Click 'Save'



The screenshot shows the 'LPR Info' window with the table now containing one entry. The entry is highlighted with a red rectangular box. The entry details are: SI.No: 1, Name: test account, Plate Number: WP12ABC, and Whitelisted: (checkbox). The 'Add' button is no longer highlighted.

Vehicle details are now in
database.
Vehicle can be added and
removed from allow list



REMOTE SUPPORT TOOLS

PURETECH

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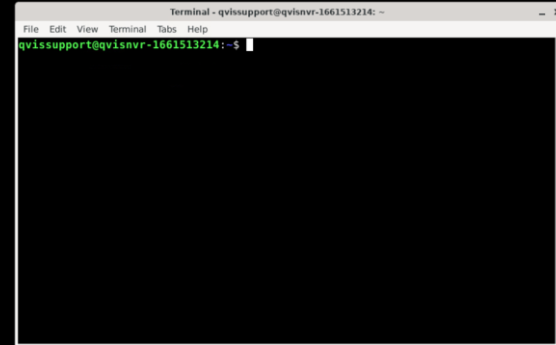


There are a range of tools built into the NVR for remote support and maintenance.

If the mouse is moved to the bottom righthand corner these 2 icons appear



This icon opens the terminal window



This window allows you to run terminal commands to help with diagnosing issues. i.e.

`ifconfig`

This displays the current ip configuration of both adapters

`ping`

This lets you ping check and address

`arp -a`

This will show you all IP devices that the NVR can see



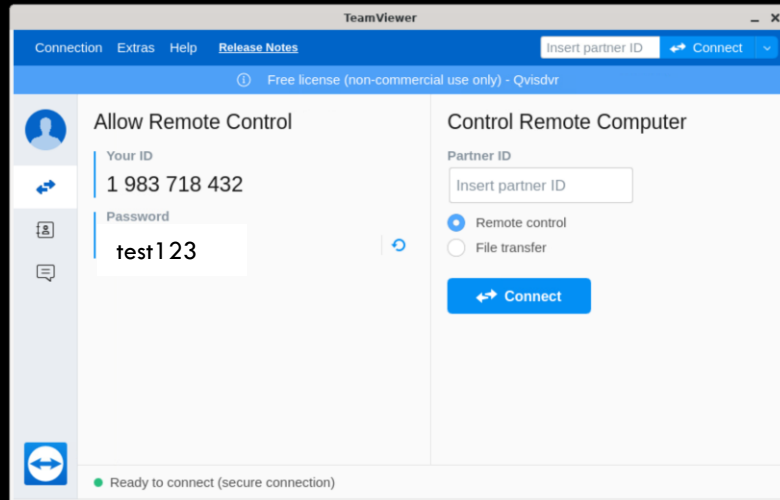
REMOTE SUPPORT TOOLS

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This icon activates TeamViewer



TeamViewer is preinstalled onto the recorder for both remote management and support purposes. You do not need a TeamViewer account to allow a remote connection to the NVR.

By using TeamViewer it allows you to remotely access the NVR as if you were in front of it. That includes accessing the terminal windows, Web browser and direct access into the camera heads.

The web browser can also be used to access any other devices on the network, such as, Transmissions, smart switches, access control etc.

It is set up by default to have a dynamic password that your customer would have to give to you every time, however with their permission a static password can be set.

Please be aware that whatever you are doing via TeamViewer is fully visible on any screen directly attached to the NVR

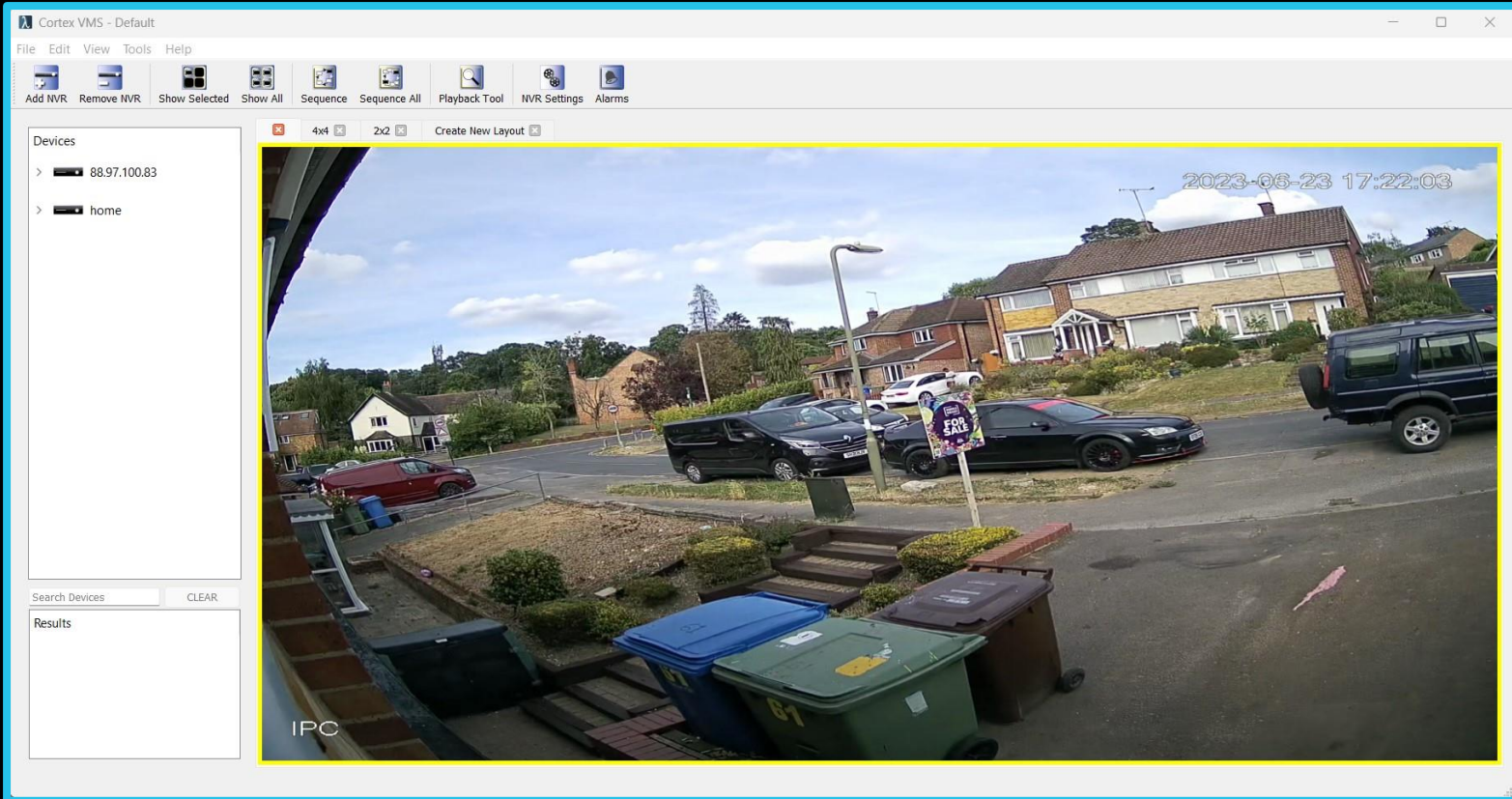
CVMS is the λ | Cortex Video Management System and is unique for Cortex

The software is Free of Charge and there are NO LICENSE FEES or CHANNEL FEES
It is available for PC's and Mac's (intel chipset only)

Its available here:

<https://support.qvis.co.uk/hc/en-us/articles/360011265158-PC-Software-%CE%BB-Cortex->

- Currently, up to 500 NVR's can be added to it
- It's designed to replicate the NVR interface
- Ideal for use on sites that want multiple viewing stations
- Seamlessly create layouts with cameras from multiple sites
- Can view up to 100 cameras at once
- Manage AI rules and alarm remotely



Cortex VMS - Default

File Edit View Tools Help

Add NVR

Remove NVR

Show Selected

Show All

Sequence

Sequence All

Playback Tool

NVR Settings

Alarms

Devices

> 88.97.100.83

> home

Search Devices CLEAR

Results

4x4 2x2 Create New Layout

IPC

2023-06-23 17:22:50

VCP Settings - qvis-56ca9b

IP Camera Analytics Network Settings NVR Settings User Alarm Info Support

IP Camera Management IP Camera Settings Recording Schedule

Camera Name	IP Address	Port	User Name	Status	Add
☐ IPCam 0.239	192.168.0.239	Default	admin		
☐ IPCam 0.99	192.168.0.99	Default	admin		
☐ IPCam 0.6	192.168.0.6	Default	admin		
☐ IPCam 0.4	192.168.0.4	Default	admin		
☐ IPCam 0.3	192.168.0.3	Default	admin		
☐ IPCam 0.2	192.168.0.2	Default	admin		

Discover Manual Add Add All Add Selected

Camera Name	IP Address	Status	Preview	Info	Edit	Remove
☐ IPCam 248.1	192.168.248.1					

Remove All Remove Selected

Finished searching the IP Cameras in the network.

Close

Cortex VMS - Default

File Edit View Tools Help

Add IWR Remove IWR Show Selected Show All

Devices

- > 88.97.100.83
- > home

Search Devices CLEAR

Results

Configure Analytics

IPCam 248.1 Parameter Settings

Analytics Type Line Crossing

☒ Enable

Area of Interest 1

Target ☐ Vehicle ☒ Human

Direction L->R

Alarm Settings

☐ Log Event ☒ Audible Alarm ☒ Push Notify

Video Alarm **Relay** **Email Settings**

No None No Email

Email Recipients

Apply Close

Clear Region





COMPATIBILITY

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The NVRs are designed to work with:

ANY IP camera that has ONVIF ver 1.3 (profile s) or higher.

Basically, any camera over 1.3mp and made in the last 10 years (video guaranteed)

Paxton Net2

With a plugin (free download) the NVR will seamlessly integrate with Paxton Net2 for snapshots, alerts and video alarms

Ligowave or Tachyon transmissions.

These are our recommended wireless systems as they are high bandwidth and have a solution for any situation

Gate automation/Door entry systems

With an optional clean contact relay card, the NVR can send NO/NC signals to any entry system

Redwall/GJD/Takex

With an optional input card, the NVR can receive signals from any hardwired analog PIR or analog detector



CORTEX APP

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Supports:
Cortex/Hibernator
Genisys/Borg
Version 6
& Above



ANYTIME, ANYWHERE.



WITH THE **FREE**
CORTEX GO APP

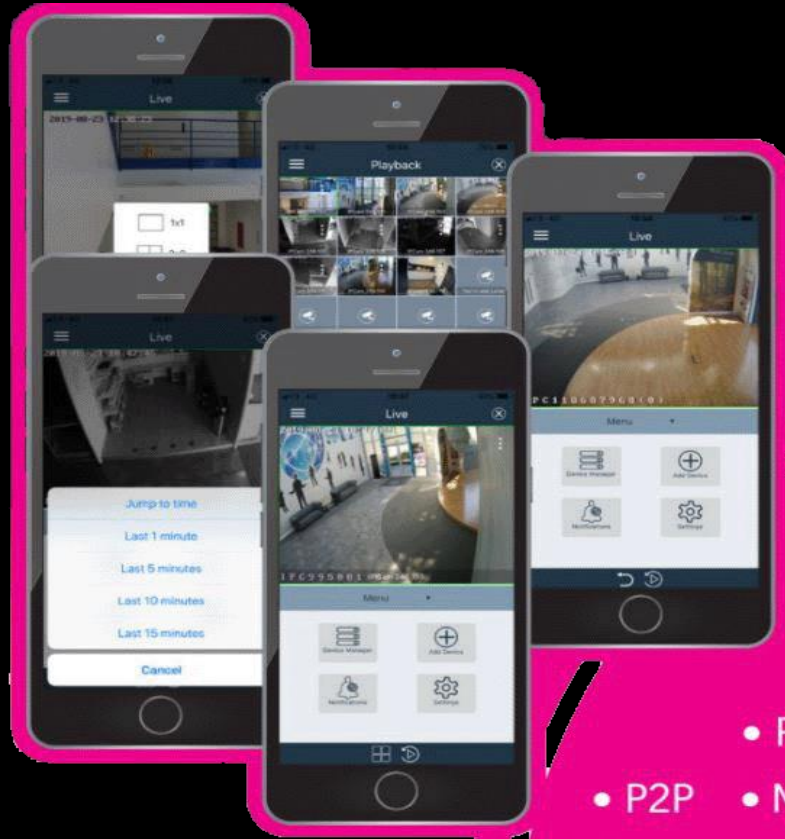




CORTEX APP

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Why CORTEX GO APP?

- Instant response
- P2P connectivity
- Free download
- Simple timeline playback
- Multi site connectivity
- User friendly

CORTEX GO Features

- Playback
- PTZ Zoom
- HD view
- P2P
- Multiple views
- Timeline
- Favourites



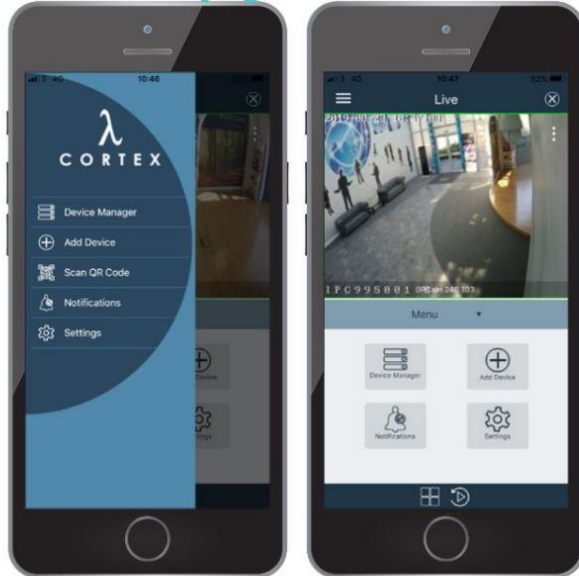
CORTEX APP

PURETECH

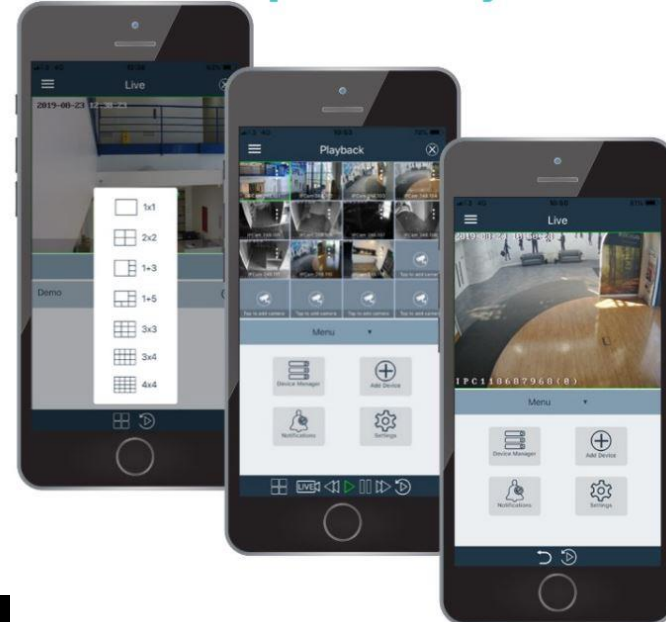
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CORTEX GO APP FEATURES (MOBILE PHONE APPLICATION)

- Home page & menu



- View multiple screen layouts



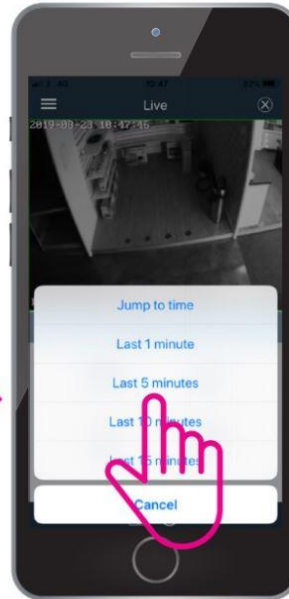


CORTEX APP

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• Playback Mode



• Play back to specific time



• View in SD



• View in HD
(high definition)





ADDITIONAL FEATURES (MOBILE PHONE APPLICATION)

- Go to single view - double tap - to bring up additional features.



1 2 3 4 5



1. Return to previous view



2. Snap shot current event of interest



3. Share screenshots via other apps



4. Activity timeline



5. Recording button



6. PTZ control



7. Zoom in/out control



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- P2P Connectivity

Connect to devices via QR scan -
Removes the usual longwinded process.

- Push Notifications

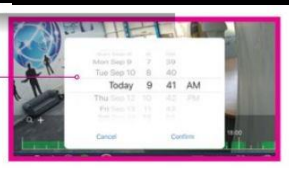
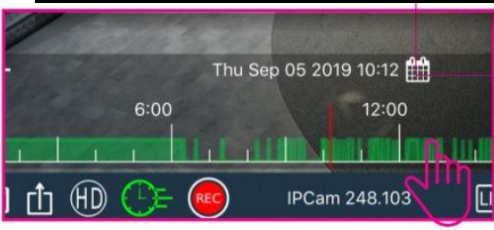
Alarm notifications are sent directly
to phone for immediate action.

- Hot Swappable Tiles

Swap views around as you see fit.

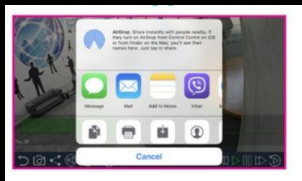
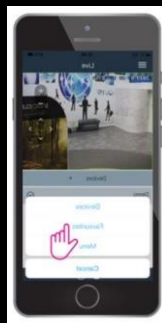
- Auto Population

All cameras are automatically
connected when app is activated.



1. Tap on calendar
to view specific dates.

- Favourites
Save devices &
cameras
to favourites that you
wish to view, for more
specific reasons.



- Share
Share snapshot
with other apps