

NETCAMPRO

Manual

Cloud App

Notice

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Introduction

The NetCamPro Cloud Camera Recording service (referred to as the “Cloud App”) securely stores and organizes images and videos (referred to as “media files”) from NetCamPro camera(s) that are connected to the Internet and operating in cloud mode. Recorded media is accessed using an IE, Firefox, Chrome, or Safari browser on an iPhone, iPad or Android mobile device as well as Windows, Mac, or Linux.

Being a Web Application there is no App, plug-in, or other software to install. Just login at:

<https://cloud.netcampro.com>

Basic Operation

NetCamPro cameras have an embedded computer that is programmed to send images and videos to the Cloud App when motion is detected in the camera's field of view.

All media files received from the camera are inspected and cataloged. Cameras typically take a still picture typically every 7 seconds when there is motion, while at the same time recording a full motion video clip with sound. As well the cameras typically take an hourly snapshot.

The primary function of the Cloud App is to condense received images into time-lapse video clips. Time-lapse clips efficiently tell the story of what has happened. Time-lapse clips are usually 30 to 60 seconds long and can easily span multiple hours or even the whole day.

The secondary function of the Cloud App is the linking of the time-lapse frames to the corresponding full motion video clip with sound. Click the *Pause* button and then the *Video* icon to view or download the full motion video clip that was recorded at the same time the frame was snapped.

Sharing

The Cloud App allows for sharing of the cloud cameras. Start sharing by entering the email address of the person to share with. The Cloud App will then send an invite email to that person with instructions for setting up an account (if they don't already have one) or asking them if they would like to add the shared camera (if they already have an account). Once signed up, the sharing user can then log in and access the images and videos just like the owner. The owner may revoke the shared access at any time.

Temporal Queries

The Cloud App has advanced temporal query functions for searching the media using a variety of date and time criteria. The Cloud App can gather the media for a specific day part (eg. 1:30PM to 3:30PM for the last month), date range, and time range.

Using the lat/long (or city/country) values from the *Settings* function, the Cloud App will determine the exact time of sunrise and sunset each and every day to be used for sorting out day time media from night time.

Email Alerts

The Cloud App can send alert emails when motion activated images are received from a camera. An alert email includes a time-lapse link as well as a toggling link that will turn the alert function off or on. When alerts are turned off the Cloud App continues to record motion images and videos silently in the background for later review.

To tune the Cloud App email alert function a quiet time value is used. Quiet time is the minimum time between alert emails. With a quiet time of 15 minutes, for example, the Cloud App will send a maximum of 1 email every 15 minutes – no matter how much motion activity. However an email received now will have a time-lapse link that spans the last 15 minutes. So nothing is missed. Using quiet time motion events are “batched up”.

User Device Requirements

The Cloud App is designed to operate across all types of devices. You may log in using any of the supported web browser below. No additional software is required.

<i>Windows</i>	Internet Explorer 10 Internet Explorer 11 Firefox Chrome Safari
<i>Mac</i>	Safari Chrome
<i>Linux</i>	Firefox Chrome
<i>iOS</i>	Safari Chrome
<i>Android</i>	Firefox Chrome

NetCamPro cameras send video clips in Apple Quicktime MP4 format. You may need to install additional software on non-Apple devices:

<i>Windows</i>	VLC -or- Apple Quicktime
<i>Mac</i>	not required
<i>Linux</i>	VLC
<i>iOS</i>	not required
<i>Android</i>	Video Player (free), VPLayer

Configuration Wizard

The Configuration Wizard is a cloud function for adding a camera to a cloud account and optionally applying common operational changes (turn audio on or off, turn IR lighting on or off, etc). The Wizard operates by modifying a configuration backup file that is downloaded using the camera's built-in administration website. The camera is Restored using the **new config** file generated by the Wizard, followed by a reboot of the camera to activate the new configuration.

The 1) camera and 2) a mobile device, PC, or laptop need to be connected to the same LAN. Possible connection methods include WiFi, Ethernet, or a mixture of both.

Depending on the device being used, please install the supporting application:

<i>Device</i>	<i>Name</i>	<i>Source</i>
iPhone	NetCamProLive	https://go.netcampro.com/mobile/
Android	NetCamProLive	https://go.netcampro.com/mobile/
Windows	NetCamProLive Windows	https://go.netcampro.com/support/downloads/#software
Mac	NetCamProLive Mac	https://go.netcampro.com/support/downloads/#software

Step 1: Download the Camera's config.cfg file

On iPhone or Andoid

In *NetCamProLive* select **Edit Camera / Advanced Setting / About Device** screen and make a note of the local IP address value.

On PC or Mac

Click on the *Camera Live* **Setup** button. Then click the **Search** button. Make a note of the local IP address value.

On the Camera's Internal Admin Website

A) Open a browser and enter the above IP address as the URL. Some browsers require that an IP address be prefixed with "http://".

B) Login to the camera's admin website (from the factory the userID/password is admin/admin)

C) In the upper right corner click the **Settings** menu, then **Tools**, then **Backup or Reset**, and then the **Backup** button

D) Download and save the *config.cfg* file (typically in the downloads folder). Note that on iOS devices that DropBox, Google Drive, or other such App must be installed to have a place to save files.

Step 2: Upload the config.cfg file to the Cloud App

Leave the camera admin website open as it will be used again in the last step.

Open a new browser and visit:

<https://cloud.netcampro.com/wizard.php>

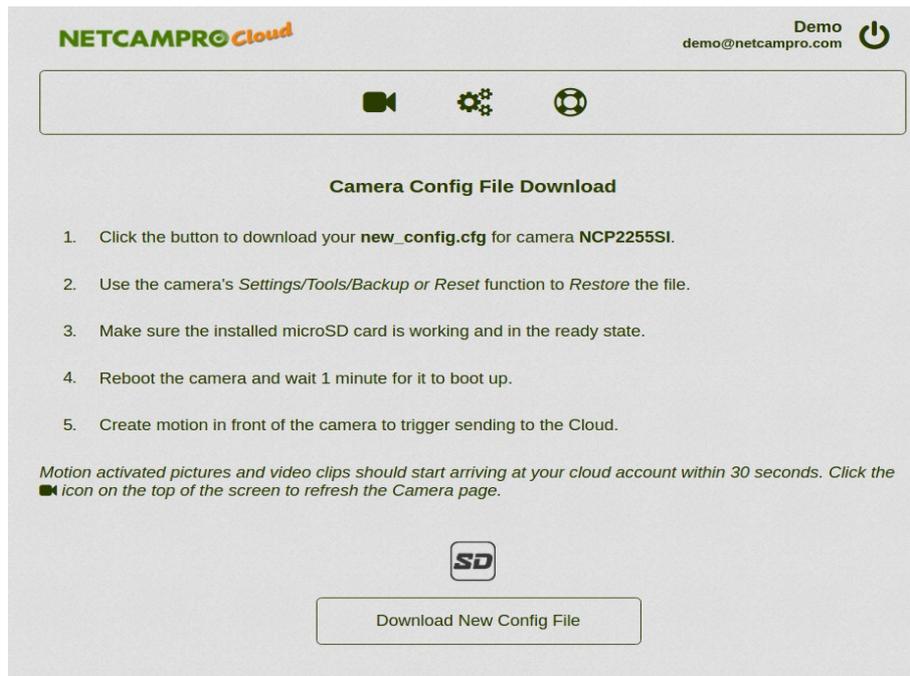
The screenshot shows the 'Cloud Setup Wizard' web interface. At the top, there are two tabs: 'Basic' (selected) and 'Advanced'. Below the tabs, there are four main sections:

- Account Email:** A text input field containing 'demo@netcampro.com' with a help icon (question mark) to its left.
- Config File:** A section with a 'Browse...' button and the text 'No file selected.' to its right, with a help icon to the left of the label.
- Acceptance:** A checkbox followed by the text 'I accept the [terms and conditions](#).'
- Submit:** A section with an 'Upload' button and a help icon to the left of the label.

At the bottom of the form, there is a red warning message: 'Please be advised that each camera has its own config file. Do NOT use the same config file for all your cameras!'.

Enter the email address for the new account and click **Browse** to select the camera's backup config.cfg file that was downloaded from the admin website. Typically this file is stored in the downloads area. Then click the **Upload** button.

The system will immediately edit your *config.cfg* file and then respond with *new_config.cfg* file as a download.



Step 3: Download the new_config.cfg file from the Cloud App

Download and Save the *new_config.cfg* file on your device.

Step 4: Upload the new_config.cfg file to the Camera

Go back to the camera's admin website and click the **Choose File** button to select the *new_config.cfg* file. Click the **Restore** button.

Step 5: Reboot the Camera

On the camera's admin website click the **Reboot** menu in the upper right corner.

Wizard Configuration Options

The wizard has advanced features for tweaking the functions of your camera. Click on the **Advanced** tab to see these options:

The screenshot shows the 'Cloud Setup Wizard' interface with the 'Advanced' tab selected. The form includes the following fields and options:

- Account Email:** A text input field containing 'demo@netcampro.com'.
- Setup Type:** A dropdown menu set to 'Cloud'.
- Audio:** A dropdown menu set to '-- Leave Audio As Is --'.
- Flip Image:** A dropdown menu set to '-- Leave Image As Is --'.
- Night Vision:** A dropdown menu set to '-- Leave Night Vision As Is --'.
- Power LED:** A dropdown menu set to '-- Leave Power LED As Is --'.
- Config File:** A file selection area with a 'Choose File' button and the text 'No file chosen'.
- Terms and Conditions:** A checkbox that is currently unchecked, followed by the text 'I accept the [terms and conditions](#)'.
- Submit:** A button labeled 'Upload'.

At the bottom of the form, a red warning message reads: 'Please be advised that each camera has its own config file. Do NOT use the same config file for all your cameras!'.

Camera Setup Type

Local	<p>In Local mode your camera will be disconnected from the cloud and will motion record video clips on its built-in micro SD drive. Access live view and recordings through local WiFi or remotely through the Internet using the NetCamProLive App on Android and iPhone as well as Camera Live on PC and Mac.</p> <p>A camera can be put back in Local mode by performing a factory reset, which will also erase any WiFi settings. Using the wizard to switch a cloud</p>
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	camera to Local mode will preserve the network and WiFi settings.
Cloud	<p>In Cloud mode your camera will store and forward all motion recorded stills and video clips to your cloud account (included for free with all NetCamPro cameras). Access the cloud functions through a desktop or mobile web browser to view media, share cameras, and enable email alerts. Live view your camera using the NetCamProLive App on Andorid or iPhone as well as Camera Live on PC and Mac .</p> <p>A box prompting for your email address will appear when setting up Cloud mode. If you have an existing NetCamPro cloud account, an email message requesting permission to add this camera will be sent. If you do not have an account an email inviting you to create a free account will be sent.</p> <p>You will need to select a login password and time zone to create an account.</p>

Audio

Recording audio and listening in on the conversation of others without their permission may be illegal in your jurisdiction.

Turn Audio On	Audio will be recorded on all video clips (default). Audio will be available on the NetCamProLive App live-view function if the user turns listening on.
Turn Audio Off	All video clips will have the sound muted. Audio will not be available on the live-view function.

Flip Image

Image Upside Right	The camera's image sensor will be read as per factory settings.
Image Upside Down	The camera's image sensor will be flipped. This is useful when the camera has been mounted upside down.

Night Vision

Turn Night Vision Infrared LEDs Off	When the light level is low the camera will use its moonlight vision and leave the IR LEDs off. This is useful for cameras that are
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	looking out a window as glass acts as a mirror to infrared light and reflects a big glare back to the camera lens.
Turn Night Vision Infrared LEDs On	When the light level is low the camera will turn on its infrared LEDs to illuminate the scene. Infrared is invisible to the human eye. On the scene it will be dark while through the camera it looks like a spotlight is turned on.

Power LED

Turn Power LED Off	Turns off the power indicator LED on the camera. On some models this LED is quite visible, others it is inside the casing.
Turn Power LED On	Turns on the power LED indicator.

Using the NetCamPro Cloud App

The Cloud App is designed to be easy to use and secure. Once logged in the session continues until log out. The Cloud App uses browser cookies to remember who is logged in.

Login

Visit the <https://cloud.netcampro.com> website. There are convenience options to login with an Amazon or Facebook account. Users can also login with a NetCamPro account.



The image shows a login interface for the NetCamPro Cloud App. At the top, there are two buttons: a yellow button with the Amazon logo and the text "Login with Amazon", and a blue button with the Facebook logo and the text "Log In". Below these buttons is a horizontal line with the word "OR" in the center. Underneath the line are two input fields: the first is for an email address, with a mail icon to its left and the placeholder text "Enter your email"; the second is for a password, with a lock icon to its left and the placeholder text "Enter your password". Below the password field is a green button with the NetCamPro logo and the text "Login with NetCamPro". At the bottom of the form is a link that says "Forgot password?".

Once logged in, the **Home** page displays all your cameras:



In the screen shot above two cameras are shown, the first camera is pre-selected as indicated by the title bolding and shadow. All the buttons underneath operate on the selected camera only which can be changed by clicking on the camera icon in the top row.

If no cameras are shown the Cloud App cannot find any media files in the account. This happens with new cameras when the media files have not arrived yet or with an already connected camera when all the media files are deleted. As soon as the first image arrives the Cloud App will automatically add the camera. Refresh the page by clicking the **Cameras** icon.

Quick Viewing Media

Just below the camera icons are function buttons for quickly viewing the media as follows:

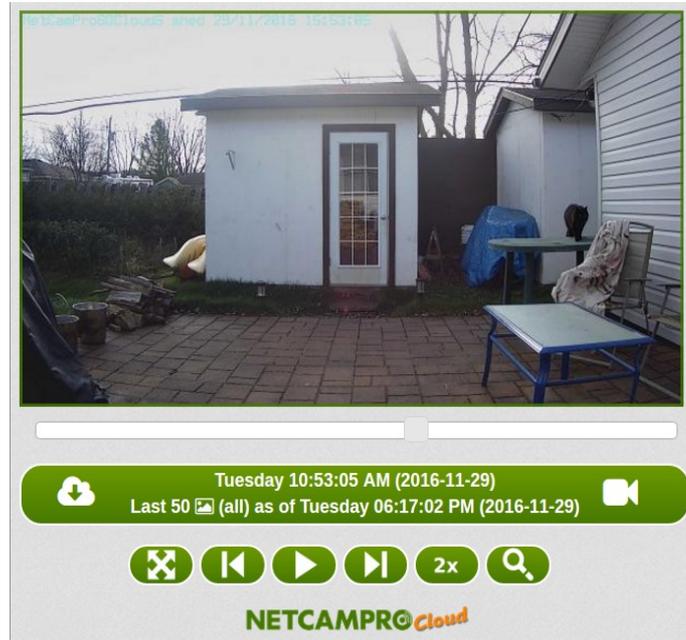
View Latest	The latest 25 motion activated images are converted to an image clip.
Today Condensed	All the daylight pictures taken today so far are converted to a 25 frame image clip
7 Day Condensed	All the daylight pictures taken over the last 7 days are converted to a 25 frame image clip
28 Day Condensed	All the daylight pictures taken over the last 28 days are converted to a 25 frame image clip

When clicking on any of the above *Quick Viewing* buttons a new window will pop-up with the requested media. You can open as many Media Viewer windows as needed. The *Cameras* page will remain open underneath the Media Viewer windows. The Media Viewer is responsive and presents itself optimally for mobile landscape, mobile portrait, and desktop devices.

Time-lapse Clips

The number of images used to make a video clip is set to 25 by default. The *Settings* menu can be used to set the number of images in a video clip for desktop devices and another value for mobile devices. If there are more than 25 images in the given time span then the image clip is condensed to that number by dropping frames that are close by. If there are 100 images recorded for a given day then every 4th image would be shown. More detail is available by reducing the time frame. The Quick Viewing function provides a convenient one click method of learning what has been going on over a given time period in short order.

Media Viewer



The buttons are as follow:

Image	<ul style="list-style-type: none"> - Use the mouse scroll wheel to zoom on a desktop or pinch and zoom fingers on a mobile device - Once zoomed click or pan to move image
Slider	- Move the slider to jump to any frame in the image clip
Download	- Download a full HD copy of the image
Video	- Download the video clip recorded the same time the image was snapped
Fit Window	- On desktops the user can re-size the browser window smaller or larger. Use this button to make the viewer fit the new window size
Previous Image	- Stop playing and go back one image
Play/Stop	- Toggle between playing and stopping
Next Image	- Stop playing and step forward one image
1x → 2x → 3x Playback Speed	- Toggle the playback speed
Examine	- The Cloud App will reduce the resolution of images to make them fit the given window to save bandwidth. The examine function re-downloads the given image in HD and thus zoom/pan will reveal more detail.

Hourly Breakdown

Click the Show Breakdown button to see a summary of the last 2 days of images taken by the selected camera. The summary shows the time of day and the number of pictures taken. Click the **More History** link below the **Hourly Breakdown** for the last 28 days.

NETCAMPROCloud
Demo demo@netcampro.com

CAM
over 3 hours ago

DemoCam
over 17 minutes ago

View Latest

Today Condensed

7 Day Condensed

28 Day Condensed

Show Details

Hide Breakdown

Manage Media

Query

		12	01	02	03	04	05	06	07	08	09	10	11
Sun Dec 4 2016	AM	1	1	2	1	1	1	1	1	1	3	33	32
	PM	8	1	1	3	3	1	1					

		12	01	02	03	04	05	06	07	08	09	10	11
Sat Dec 3 2016	AM	15	8	2	1	48	24	5	1	3	1	1	2
	PM	9	16	14	6	17	47	13	7	3	1	2	3

[More History](#)

As of Sunday 10:35:54 PM (2016-12-04)

By clicking on any of the numbers a time-lapse clip for that hour is opened.

By clicking on the dates on the left hand side of the **Hourly Breakdown** a condensed time-lapse clip pops-up for the daylight images.

Advanced Camera Functions

At the bottom of the Cameras page are the advanced functions as follows:

Show Details	The <i>Show Details</i> button toggles on/off a panel between the camera icons and the hourly breakdown.
Manage Media	The <i>Manage Media</i> function is used to delete images and video clips.
Query	The <i>Query</i> function allows the creation of image clips that span time ranges from 15 minutes to many months.

Show Details

The **Show Details** button toggles a panel on and off that hold additional information about the camera.

The screenshot displays the NetCamPro Cloud interface. At the top, there is a header with the logo 'NETCAMPRO Cloud', the email 'demo@netcampro.com', and a power icon. Below the header is a navigation bar with three icons: a camera, a gear, and a person. The main content area shows two camera thumbnails: 'CAM' (over 16 minutes ago) and 'DemoCam' (over 3 minutes ago). Below the thumbnails are several buttons: 'View Latest', 'Today Condensed', '7 Day Condensed', '28 Day Condensed', 'Hide Details', 'Hide Breakdown', 'Manage Media', and 'Query'. At the bottom, there is a detailed information panel for the 'CAM' camera, including account information, last image received time, media file count, and quota limit. A QR code is also visible in the bottom right of the details panel.

Changing the Camera Name

Change your camera name by clicking the *Pencil* icon on the right hand side of the **Details** window under Display Name. Each new camera is assigned a machine name by the Cloud App. Using the **Details** window a more meaningful name like “Driveway” or “Backyard” can be assigned.

Manage Media

Manage Media is used to delete images individually, for a given hour, for a given day, and for multiple days. The manage media display looks much like the hourly breakdown. Click the check box for a given hour or an entire day (on the left). Then click *Delete Checked* Files to delete all the media (images and videos) for the selected time periods.

Delete

CAM czswixfwu

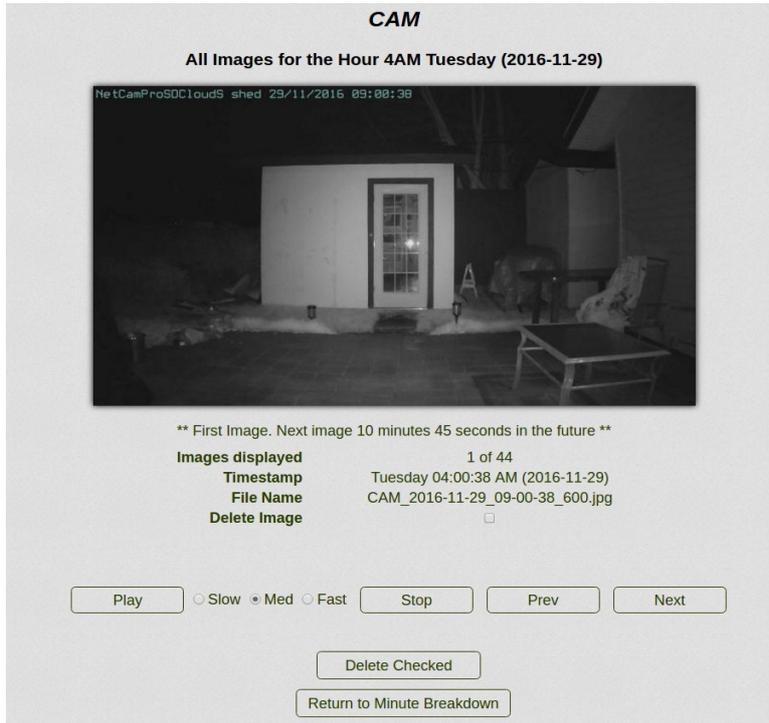
Delete Media

Day	Date	12AM	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM
Tue	2016-11-29	41	15	15	70	44	22		1	1	1	2	2
		<input type="checkbox"/>		<input type="checkbox"/>									
		12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM
		<input type="checkbox"/>											
		1	2	1	1	1	11	3					
		<input type="checkbox"/>											
Day	Date	12AM	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM
Mon	2016-11-28	1	1	1	2	1	1	1	1	1	3	5	4
		<input type="checkbox"/>											
		12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM
		<input type="checkbox"/>											
		3	1	1	1	1	12	3	2	3	2	4	8
		<input type="checkbox"/>											
Day	Date	12AM	1AM	2AM	3AM	4AM	5AM	6AM	7AM	8AM	9AM	10AM	11AM
Sun	2016-11-27												
		12PM	1PM	2PM	3PM	4PM	5PM	6PM	7PM	8PM	9PM	10PM	11PM
		<input type="checkbox"/>											
		10	29	38	3	17	1	4	1	2	16	1	
		<input type="checkbox"/>											

429 online. 57.8 MB total. Average size 134.6 KB. | 298 online 95.0 MB total. Average size 318.7 KB. 67.9 average MB per day.

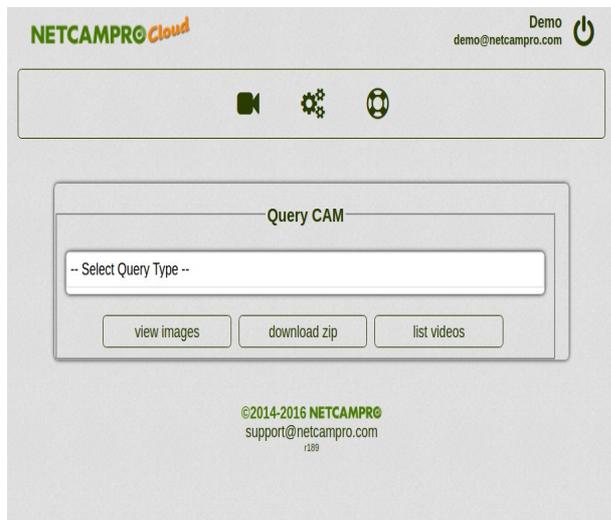
Legend: High Usage (67% or higher of the max hour for the day.) Medium Usage (Between 33% and 67% of the max hour for the day.)

By clicking on the number of images for a given hour a mini-viewer will appear that supports deleting selected individual images by selecting the *Delete* check box.

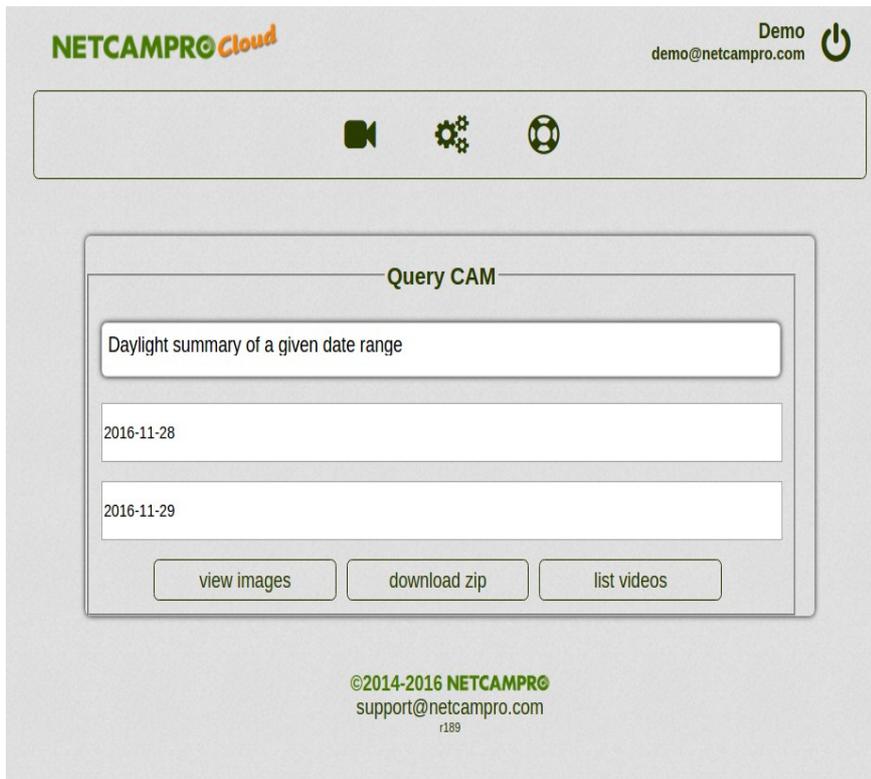


Query

The **Query** function supports temporal querying of the media files to produce on demand time-lapse clips that span a variety of criteria as follows:



Once the query type is selected, more boxes show up for the query parameters:



Once the query parameter values have been selected there are three options:

view images	Pops a time-lapse video clip of the selected images
download zip	Creates a zip file of all the images and videos. This can take some time to complete.
list videos	Provides a list of links to the full motion video clips recorded during the given time period.

Daylight/Night time

To identify daylight images the Cloud App calculates the exact time of sunrise and sunset each day. Pictures taken between sunrise and sunset are categorized as daylight. The rest are categorized as night time.

By default the camera location is set to New York. Using the *Settings* menu users can specify a more accurate city/country or latitude/longitude that is close enough for the purposes of the calculations. Users in southern latitudes may notice that in the summer the Cloud App's idea of daylight includes night time pictures. And in the winter the Cloud App will exclude some pictures in a daytime selection. These effects would be most pronounced at summer solstice (June 21) and winter solstice (December 21) and least noticeable at spring equinox (March 21) and fall equinox (September 21). Changing

the camera location will correct this problem for new media files only. Existing media files would be processed with the old location data.

Settings

The Settings page has 5 tabs as follows:

<i>Basic</i>	Basic settings: account name, time zone, number of images to display, and password change.
<i>Alerts</i>	Turn email alerts on or off on a camera by camera basis.
<i>Sharing</i>	Share a camera with others over the Internet.
<i>Embedded</i>	Advanced function for creating time-lapse players that do not require a login and are protected by a security token. These can be embedded in web pages to saved as a link on a smart phone home screen.
<i>Upgrade</i>	Purchase a cloud recording plan upgrade
<i>Config</i>	Make changes to a camera's configuration

Basic

Enter a new value for the Display Name or use the the drop down box to pick a new value. Then click Save.

The screenshot shows the 'Basic Settings' page of the NetCamPro Cloud App. The page has a top navigation bar with the 'NETCAMPRO Cloud' logo on the left and 'Demo demo@netcampro.com' with a power icon on the right. Below the navigation bar is a toolbar with icons for a camera, settings, and a globe. The main content area has a tabbed interface with 'Basic' selected, and other tabs for 'Alerts', 'Sharing', 'Embedded', 'Upgrade', and 'Config'. The 'Basic Settings' section contains four configuration boxes: 'Account name' with the value 'Demo' and a 'no change' dropdown; 'Number of Mobile images to display' with the value '25 max images per view' and a 'no change' dropdown; 'Account Time Zone' with the value 'America/New_York' and a 'no change' dropdown; and 'Account Time Format' with the value '12 hour with AM/PM' and a 'no change' dropdown. A 'Save' button is located below these settings. The 'Third Party Login' section has a 'Disconnect Login with Facebook' button. The 'Password Change' section has three input fields for 'Current Password', 'New Password', and 'Confirm Password', followed by an 'Update' button.

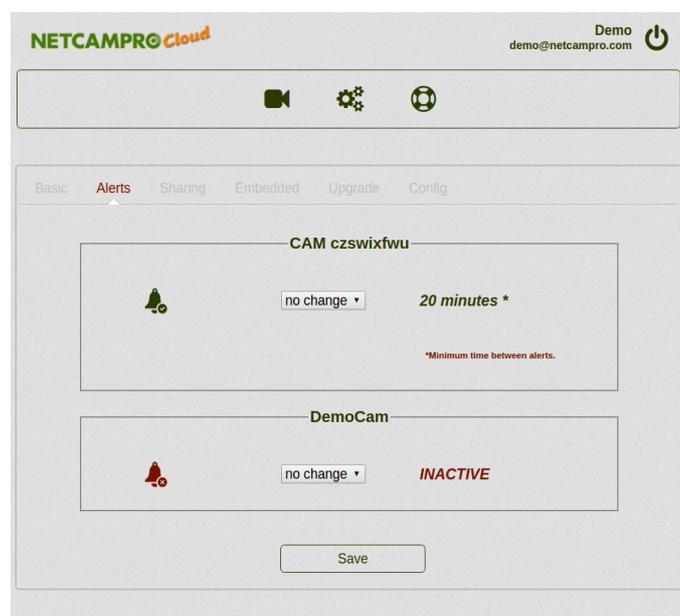
Account Name	The Name that shows in the upper right corner of every web page.
Number of Desktop Images to Display	When using a desktop or laptop computer, this is the maximum number of images that the Media Viewer will display before condensing the content.
Number of Mobile Images to Display	When using an iPhone, iPad or Andoid device, this is the maximum number of images that the Media Viewer will display before condensing the content.
Time Zone	Selects the time zone for displaying timestamps.
Time Format	Choose between 12 hour (AM/PM) or 24 hour time format.
Third Party Login	If login with Amazon or Facebook has been enabled this section gives options to disconnect.

Password Change

Enter your old password followed by the new password twice and click save.

Alerts

The Alerts page is used to turn email alerts on or off and to set the minimum time between alerts.



Minimum Time Between Alerts

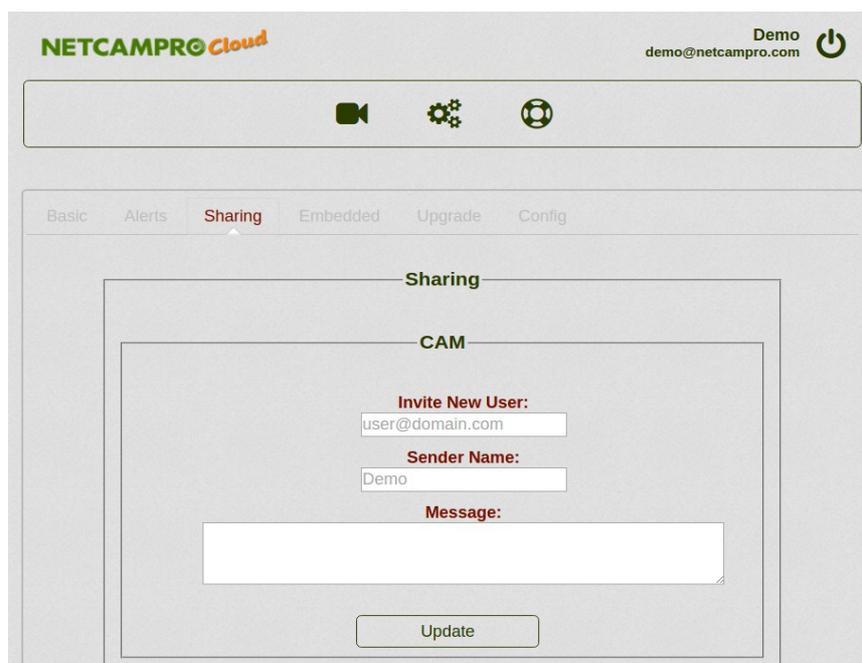
The minimum time between alerts regulates how often the Cloud App will send out an alert email. The alert emails contain a link to the images in the form of a time-lapse clip. The images shown in the viewer will not only show the images that triggered the alert but also the images before and after. The time-lapse frames are linked to their respective full motion video clip (with sound) if you wish to view them for more details.

The range of time used for an alert media viewer is exactly double the minimum time between alerts. So for example if the minimum time between alerts is 20 minutes then the media viewer will span 20 minutes before the event to 20 minutes (total 40 minutes) after.

Sharing

The sharing functions allow the camera owner to give access to others by entering their email address. The Cloud App then sends an invitation email to the sharing user. If the sharing user already has an account then the email includes a link for them to click to add the camera to their account. If the sharing user does not have an account then a link is included for them to sign up for a free account.

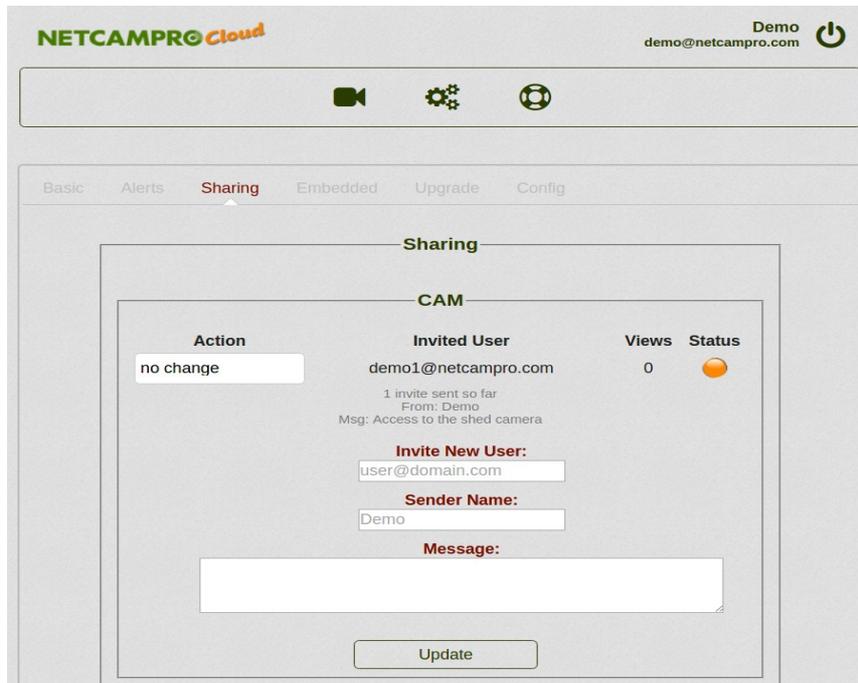
Shared access is identical to owner access except share users cannot delete images or share the camera with others. Share users have their own timezone and email alert settings.



The screenshot displays the NETCAMPRO Cloud app interface. At the top left is the logo "NETCAMPRO Cloud". At the top right, it says "Demo" with the email "demo@netcampro.com" and a power icon. Below the header is a navigation bar with icons for a camera, settings, and a globe. A menu below the navigation bar includes "Basic", "Alerts", "Sharing" (which is highlighted), "Embedded", "Upgrade", and "Config". The main content area is titled "Sharing" and contains a sub-section "CAM". Under "CAM", there are three fields: "Invite New User:" with the value "user@domain.com", "Sender Name:" with the value "Demo", and "Message:" with an empty text area. An "Update" button is located at the bottom of the form.

Sharing a Camera

Enter the new sharing user's email address in the box provided. While there is standard text in an invite email that gives instructions to the reader, you may optionally add more information in the message box. Click the *Update* button to send the invite.



The status icon will remain orange until the share user clicks the link in the email. It will then turn green and the *Views* count will be updated whenever the share user accesses the camera.

If the share user did not receive the email then the owner may resend the invite email using the drop-down box in the *Action* column. If the email address was entered incorrectly then use the *delete* function found in the *Action* drop down box to start over again.

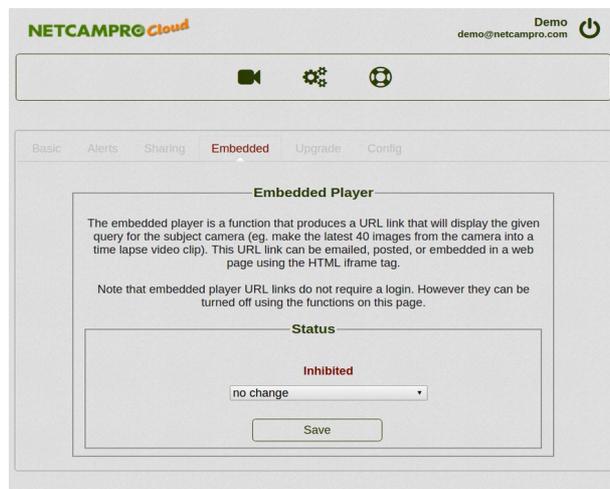
Revoking Sharing Access

Once a user has accepted an invite the owner user may terminate sharing access using the *Delete* function in the *Action* drop down box.

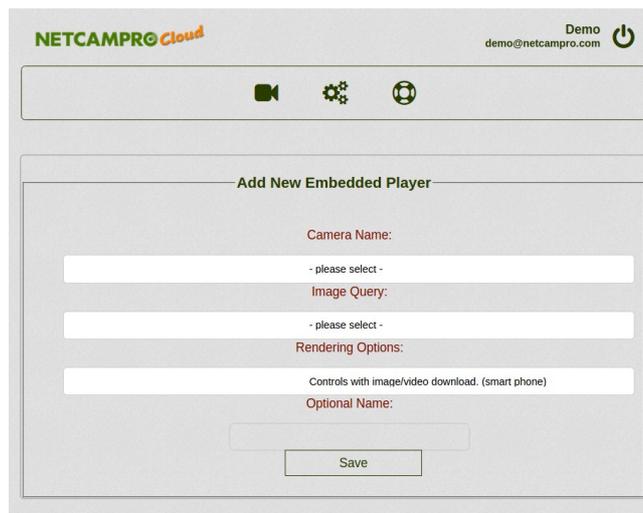
Embedded Player

The Embedded Player is used to access a camera without any authentication. It is typically used to embed a cloud camera in another website. The embedded player can also be bookmarked in a browser or added to a home screen for convenient one click access.

Initially the entire Embedded Player functionality is turned off. Your first step is to *Enable and activate previous links* and click the *Save* button.



Next click the *Add New* button:



Select the subject camera and then pick the query that will be used to gather the media

and generate a time-lapse video when the Embedded Player is loaded:

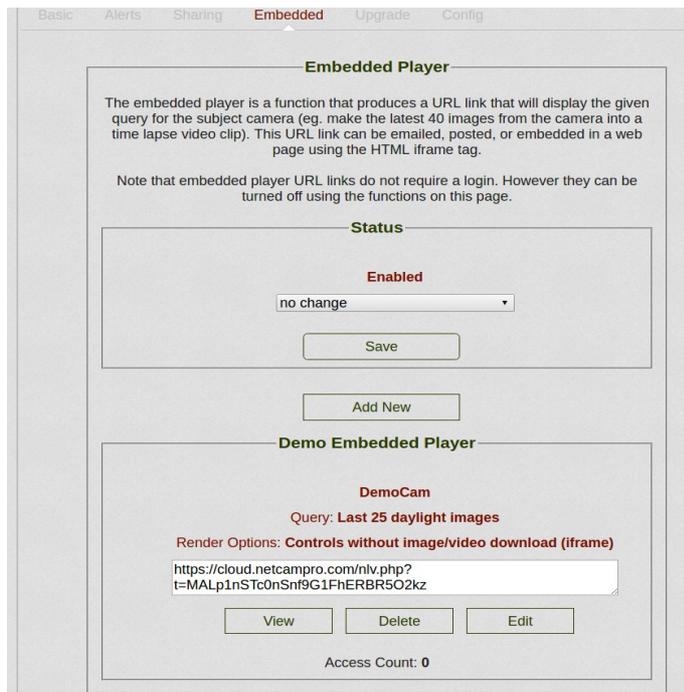
Last 10 daylight images
Last 25 daylight images
Last 40 daylight images
Last 60 daylight images
Today daylight - condensed to 10 images
Today daylight - condensed to 25 images
Today daylight - condensed to 40 images
Today daylight - condensed to 60 images
Yesterday daylight - condensed to 10 images
Yesterday daylight - condensed to 25 images
Yesterday daylight - condensed to 40 images
Yesterday daylight - condensed to 60 images
Last week daylight - condensed to 10 images
Last week daylight - condensed to 25 images
Last week daylight - condensed to 40 images
Last week daylight - condensed to 60 images
Last month daylight - condensed to 10 images
Last month daylight - condensed to 25 images
Last month daylight - condensed to 40 images
Last month daylight - condensed to 60 images
Last 10 images between 11AM and 2PM
Last 25 images between 11AM and 2PM
Last 40 images between 11AM and 2PM
Last 60 images between 11AM and 2PM
Last 10 images between sunrise and 11AM
Last 25 images between sunrise and 11AM
Last 40 images between sunrise and 11AM
Last 60 images between sunrise and 11AM
Last 10 images between 2PM and sunset
Last 25 images between 2PM and sunset
Last 40 images between 2PM and sunset
Last 60 images between 2PM and sunset
Last 10 night time images
Last 25 night time images
Last 40 night time images
Last 60 night time images
Last 10 images
Last 25 images
Last 40 images
Last 60 images

Rendering Options

The Rendering Options provide some options on how the Embedded Player is displayed:

Controls with image/video download	The Embedded Player provides a time-lapse clip with drill down to an HD version of the image and full motion video clip (with sound). Controls for play/pause, single step, and speed are included.
Controls without image/video downloading	The Embedded Players provides a time-lapse video clip only. Controls for play/pause, single step, and speed are included.
No controls	The Embedded Players provides a minimalist time-lapse video clip only.

Enter an optional name, which is displayed on the *Settings* page and then click **Save**.



The Embedded Player URL is shown in the edit box where it can be copied and pasted to another location. The *View* button can be used to test the URL. *Delete* will remove the Embedded Player. The *Edit* button can be used to change the query or camera. *Access Count* is updated whenever the Embedded Player is loaded.

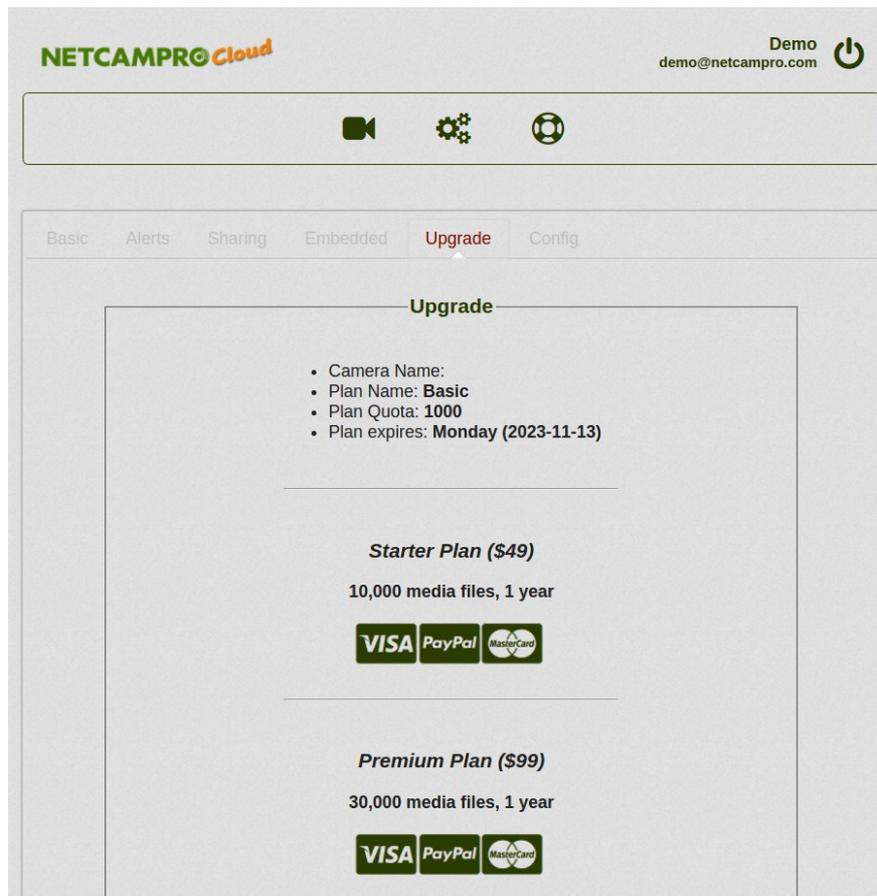
iFrame Embedding

The Embedded Player can be embedded into a web page using the <iframe> tag as follows:

```
<iframe src="https://cloud.netcampro.com/nlv.php?  
t=NJeb3bFVnmFbn0jBCM5hgAgM2SBW&w=420" width="420" height="400"  
scrolling="no" frameborder="0"></iframe>
```

Note that the URL value for *src* is copy and paste from the edit box on the *Settings* page. “&w=420” is added to this URL to specify the width in pixels. This value should match the value in the width attribute of the <iframe> tag. The <iframe> height attributive should be roughly 0.95 times the width, but may need some manual tuning.

Upgrade



The Upgrade function is used to purchase additional cloud storage. Please contact support@netcampro.com to have multiple cameras split across your Cloud recording plan.

Config

The **Config** tab is used to release cameras and make changes to camera processing parameters.

The screenshot displays the 'Config' tab in the NetCamPro Cloud App. At the top, there are navigation tabs: Basic, Alerts, Sharing, Embedded, Upgrade, and Config. The main content area is titled 'Camera Manifest' and contains two camera configuration sections. Each section includes a 'Display Name (System Name)', a 'Camera Account Timezone' dropdown menu, and a 'Location' section with input fields for 'Zip or City & Country', 'Latitude', 'Longitude', and 'Zenith'. Below each section are 'Action' buttons: 'Release with Media' and 'Delete and Release'. A 'Save Changes' button is located at the bottom of the form.

Each camera has timezone and location parameters.

Camera Timezone

The timezone refers to the timezone that the camera's clock is set to. From the factory the camera's timezone is set to UTC (England). If this has been changed, then the new timezone information is imported when the wizard is used to put the camera in cloud mode.

Under some circumstances the camera's timezone may be changed after it was added to cloud and the time stamps will be off by an exact number of hours. Using this setting the Cloud App's idea of the camera's timezone can be manually overridden.

Location

The latitude and longitude location is used to calculate the exact time of sunrise and sunset for the purposes of sorting out daylight from night time images. The default is 40.7N by -74.0W (New York). Alternate values can be entered. If the lat/long is not known then enter the ZIP or the city/country and the Cloud App will ask Google for the information.

For cameras that are located in northern latitudes - where sunrise and sunset change significantly throughout the seasons, querying for day or night time media improves significantly when lat/long is accurate.

Camera Release

Once a camera has been associated with a given account it cannot be added to another account until the current owner releases it.

There are two options for camera release. One retains all the media files. When another user adds this camera to their account all the images videos will be included. The other options deletes all the media files. When another user adds this camera it will be empty.