

Camera Monitoring

<http://networkcameramonitor.appspot.com/>

Network Camera Monitor

Registration site

Monitoring site

Register your camera

Go to the registration site <http://networkcameramonitor.appspot.com/register>

Log in with your Google account

Sign out here

Monitoring site

Serial number:	<input type="text"/>
<small>REQUIRED</small>	
Camera type:	<input type="text"/>
Camera location:	<input type="text"/>
	<input type="button" value="Add Camera"/>

Serial number	Camera type	Camera location	Action
acc8e262e4f	P3905	Office	<input type="button" value="Remove"/>
acc8e26024c	Q3505	Office	<input type="button" value="Remove"/>
acc8e263476	P1428-E	Office	<input type="button" value="Remove"/>

Configure your camera

Recording (continuous recording to SD card)

Action Rule Setup

General
☒ Enable rule
Name:

Condition
Trigger:

Storage

Disruption

SD_DISK

Disruption detected: ☐ Yes ☒ No
Schedule:

Always (No Schedule)

New Schedule

☐ Additional conditions

Actions
Type:

Record Video

Stream profile:

Quality

Duration:

☐ Pre-trigger time second(s)

☒ While the rule is active

☐ Post-trigger time second(s)

Storage:

SD Card

Recipient

<http://networkcameramonitor.appspot.com/report>

Recipient Setup ?

Name:

Type:

URL:

Login Credentials

User name:

Password:

☒ Proxy settings

Address:

Port number:

User name:

Password:

Test

Test the connection to the specified HTTP server

Recurrence

Recurrence Setup ?

Name:

Recurrence pattern:

Repeat every

Action rules

Update

<http://networkcameramonitor.appspot.com/report?action=update&camera=MACADDRESS>

Action Rule Setup ?

General

☒ Enable rule

Name:

Condition

Trigger:

Schedule:

☐ Additional conditions

Actions

Type:

*Message parameter:

*Custom parameter:

Name	Value
camera	AC:CC:8E:26:02:4C
action	update

* See help for more info

Boot signal (system ready)

<http://networkcameramonitor.appspot.com/report?>
action=notify&camera=MACADDRESS&resource=boot

Action Rule Setup

General

☒ Enable rule

Name: ncmSystemReady

Condition

Trigger: System
System Ready

Is ready: ☒ Yes ☐ No

Schedule: Always (No Schedule) [New Schedule](#)

☐ Additional conditions

Actions

Type: Send Notification

ncmServer [New Recipient](#)

*Message parameter:

*Custom parameter:

Name	Value
camera	AC:CC:8E:26:02:4C
action	notify
resource	boot

[Add...](#) [Modify...](#) [Remove](#)

[*See help for more info](#) [View URL](#)

[OK](#) [Cancel](#)

Tampering

<http://networkcameramonitor.appspot.com/report?>
action=notify&camera=MACADDRESS&resource=tampering

Action Rule Setup

General

☒ Enable rule

Name: ncmTampering

Condition

Trigger: Detectors
Tampering

Schedule: Always (No Schedule) [New Schedule](#)

☐ Additional conditions

Actions

Type: Send Notification

ncmServer [New Recipient](#)

*Message parameter:

*Custom parameter:

Name	Value
camera	AC:CC:8E:26:02:4C
action	notify
resource	tampering

[Add...](#) [Modify...](#) [Remove](#)

[*See help for more info](#) [View URL](#)

[OK](#) [Cancel](#)

SD card disruption

<http://networkcameramonitor.appspot.com/report?>

action=notify&camera=MACADDRESS&resource=storage_sd&value=OK | Error

Action Rule Setup

General

☒ Enable rule

Name: ncmStorageSDOK

Condition

Trigger: Storage
Disruption
SD Card
Disruption detected: ☐ Yes ☒ No

Schedule: Always (No Schedule)

☐ Additional conditions

Actions

Type: Send Notification

ncmServer

*Message parameter:

*Custom parameter:

Name	Value
action	notify
resource	storage_sd
value	OK

[*See help for more info](#)

Action Rule Setup

General

☒ Enable rule

Name: ncmStorageSDError

Condition

Trigger: Storage
Disruption
SD Card
Disruption detected: ☒ Yes ☐ No

Schedule: Always (No Schedule)

☐ Additional conditions

Actions

Type: Send Notification

ncmServer

*Message parameter:

*Custom parameter:

Name	Value
action	notify
resource	storage_sd
value	Error

[*See help for more info](#)

Streaming

<http://networkcameramonitor.appspot.com/report?>

action=notify&camera=MACADDRESS&resource=streaming&value=active | inactive

Action Rule Setup

General

☒ Enable rule

Name: ncmStreamingActive

Condition

Trigger: Detectors
Live Stream Accessed
Accessed: ☒ Yes ☐ No

Schedule: Always (No Schedule)

☐ Additional conditions

Actions

Type: Send Notification

ncmServer

*Message parameter:

*Custom parameter:

Name	Value
action	notify
resource	streaming
value	active

[*See help for more info](#)

Action Rule Setup

General

☒ Enable rule

Name: ncmStreamingInactive

Condition

Trigger: Detectors
Live Stream Accessed
Accessed: ☐ Yes ☒ No

Schedule: Always (No Schedule)

☐ Additional conditions

Actions

Type: Send Notification

ncmServer

*Message parameter:

*Custom parameter:

Name	Value
action	notify
resource	streaming
value	inactive

[*See help for more info](#)

Recording

<http://networkcameramonitor.appspot.com/report?>

action=notify&camera=MACADDRESS&resource=recording&value=active | inactive

Action Rule Setup

General

☒ Enable rule

Name:

ncmRecordingActive

Condition

Trigger: Storage
Recording
Is ongoing: ☒ Yes ☐ No

Schedule:

Always (No Schedule)

New Schedule

☐ Additional conditions

Actions

Type: Send Notification
ncmServer

New Recipient

*Message parameter:

*Custom parameter:

Name	Value
action	notify
resource	recording
value	active

Add...

Modify...

Remove

*See help for more info

View URL

OK

Cancel

General

☒ Enable rule

Name:

ncmRecordingInactive

Condition

Trigger: Storage
Recording
Is ongoing: ☐ Yes ☒ No

Schedule:

Always (No Schedule)

New Schedule

☐ Additional conditions

Actions

Type: Send Notification
ncmServer

New Recipient

*Message parameter:

*Custom parameter:

Name	Value
action	notify
resource	recording
value	inactive

Add...

Modify...

Remove

*See help for more info

View URL

OK

Cancel

Monitor cameras

Go to the registration site <http://networkcameramonitor.appspot.com/monitor>

Log in with your Google account

Sign out here

Registration site

Information		Status		Statistics	
Serial number:	acc8e262e4f	Status:	OK	Streaming:	
Camera type:	P3905	SD card:	unknown	Motion detection:	
Camera location:	Office	NAS:	unknown	Recording:	
		Last boot:			
		Last tampering:			
Serial number:	acc8e26024c	Status:	OK	Streaming:	inactive
Camera type:	Q3505	SD card:	unknown	Motion detection:	active
Camera location:	Office	NAS:	2015-07-30 12:03:33	Recording:	
		Last boot:			
		Last tampering:			
Serial number:	acc8e263476	Status:	OK	Streaming:	
Camera type:	P1428-E	SD card:	unknown	Motion detection:	
Camera location:	Office	NAS:		Recording:	
		Last boot:			
		Last tampering:			

Notification

The monitoring service will send a notification to the registered Google account when a camera is not responding anymore.

API

Report API

<http://networkcameramonitor.appspot.com/report?>

Heartbeat

camera=MACADDRESS&action=update

Mandatory parameters: camera, action

Notifications

camera=MACADDRESS&action=notify&resource=RESOURCE&value=VALUE

Mandatory parameters: camera, action, resource

Optional parameters: value

Resource / value combinations

boot

tampering

storage_sd OK / message

storage_nas OK / message

streaming active / inactive

motion active / inactive

recording active / inactive