

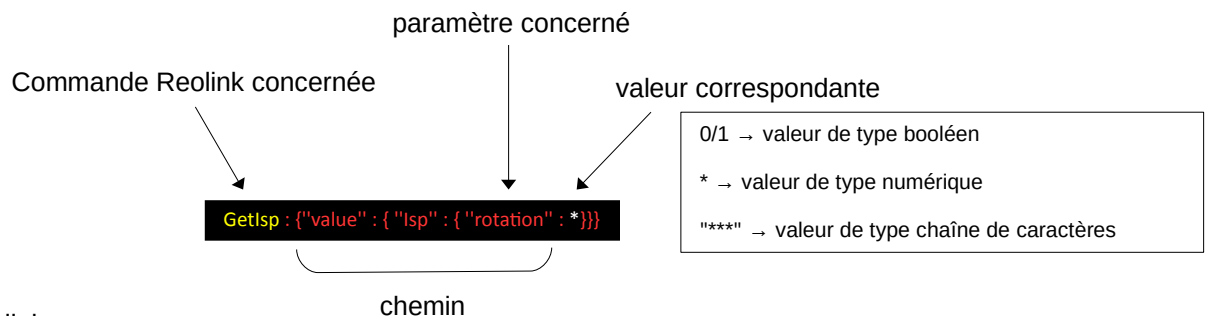
# Tableaux de correspondance

Menus de l'interface web des cameras Reolink ↔ Commandes et paramètres Reolink

## CAMERAS non AI

Dans les menus décrits ci-dessous,

vous trouverez la correspondance entre les paramètres des commandes Reolink et les différents paramètres des menus de l'interface web de votre caméra.




Type Commande Reolink :

**Getlsp**

Sans \* : Commande ayant une commande de paramétrage associée -Getxxx/Setxxx. (Ici, dans l'exemple : Getlsp / Setlsp)

**Snap\***

Avec  : Commande d'exécution ou de récupération d'information -lecture seule- **UNIQUEMENT**

Pour certains paramètres, des détails sont également indiqués sous la forme de renvoi soit vers une information sur la même page ou soit vers une page dédiée.

détails

(Toutes les informations et captures d'écran proviennent des cameras Reolink E1-Zoom et RLC-520)

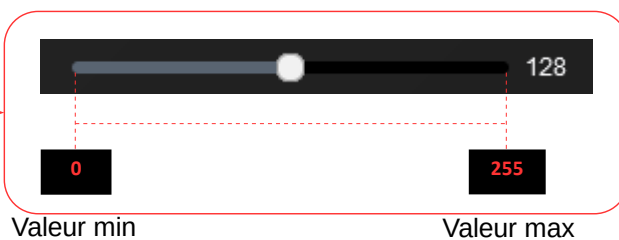
## Camera > Display

The screenshot displays the 'Camera > Display' settings page in the Reolink interface. The left sidebar shows the 'Settings' menu with categories: Camera, Surveillance, Network, Storage, and System. The 'Display' category is selected. The main content area lists various display settings, each with a corresponding API call shown in a yellow box. Red arrows point from the settings to their respective API calls.

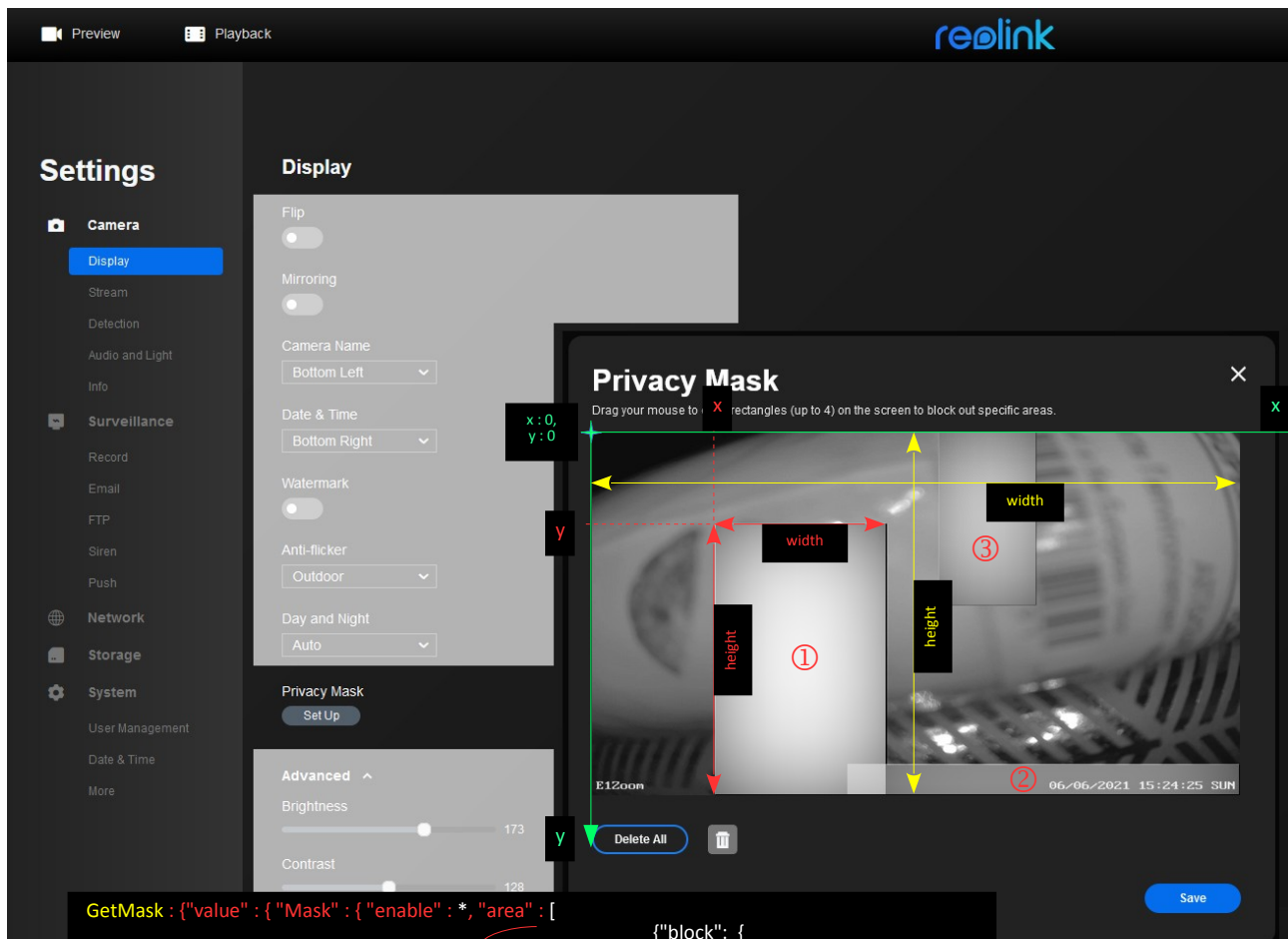
**Settings and API Calls:**

- Flip:** `GetIsp : {"value" : { "Isp" : { "rotation" : 0/1 }}}}`
- Mirroring:** `GetIsp : {"value" : { "Isp" : { "mirroring" : 0/1 }}}}`
- Camera Name:** `GetOsd : {"value" : { "Osd" : { "osdChannel" : { "enable" : 0/1, "name" : "****", "pos" : "****" }}}}`
- Date & Time:** `GetOsd : {"value" : { "Osd" : { "osdTime" : { "enable" : 0/1, "pos" : "****" }}}}`
- Watermark:** `GetOsd : {"value" : { "Osd" : { "watermark" : 0/1 }}}}`
- Anti-flicker:** `GetIsp : {"value" : { "Isp" : { "antiFlicker" : "****" }}}}`
- Day and Night:** `GetIsp : {"value" : { "Isp" : { "dayNight" : "****" }}}}`
- Privacy Mask:** `GetMask : {"value" : { "Mask" : { "enable" : 0/1, "area" : [...] }}}}`
- Brightness:** `GetImage : {"value" : { "Image" : { "bright" : * }}}}`
- Contrast:** `GetImage : {"value" : { "Image" : { "contrast" : * }}}}`
- Saturation:** `GetImage : {"value" : { "Image" : { "saturation" : * }}}}`
- Hue:** `GetImage : {"value" : { "Image" : { "hue" : * }}}}`
- Sharpen:** `GetImage : {"value" : { "Image" : { "sharpen" : * }}}}`
- Exposure:** `GetIsp : {"value" : { "Isp" : { "exposure" : "****", "gain" : *, "shutter" : * }}}}`
- Backlight:** `GetIsp : {"value" : { "Isp" : { "backLight" : "****", "blc" : *, "drc" : * }}}}`
- 3D DNR:** `GetIsp : {"value" : { "Isp" : { "nr3d" : 0/1 }}}}`

The 'Advanced' section is expanded, showing sliders for Brightness (173), Contrast (128), Saturation (128), Hue (128), and Sharpen (128). The 'Exposure' and 'Backlight' settings are highlighted with red boxes and labeled 'détails'.



## Camera > Display : Privacy Mask (détails)



```
GetMask : {"value" : { "Mask" : { "enable" : *, "area" : [
  ① {"block": {
    "height": 1436,
    "width": 677,
    "x": 488,
    "y": 484
  },
  "screen": {
    "height": 1920,
    "width": 2560
  }
},
  ② {"block": {
    "height": 161,
    "width": 1548,
    "x": 1012,
    "y": 1759
  },
  "screen": {
    "height": 1920,
    "width": 2560
  }
},
  ③ {"block": {
    "height": 914,
    "width": 384,
    "x": 1370,
    "y": 0
  },
  "screen": {
    "height": 1920,
    "width": 2560
  }
},
  ] }
}] }
```



4 masques MAX

## Camera > Display : Exposure (détails)

The screenshot displays the Reolink camera settings interface. The sidebar on the left lists various settings categories: Camera, Surveillance, Network, Storage, and System. The main area is titled 'Display' and contains several sub-sections: Flip, Mirroring, Camera Name, Date & Time, Watermark, Anti-flicker, Day and Night, Privacy Mask, and an 'Advanced' section with sliders for Brightness, Contrast, Saturation, and Sharpen. Below the 'Advanced' section, there are four callout boxes, each containing a JSON command for a specific exposure mode. Red arrows point from the 'Exposure' dropdown menu in the settings to these callout boxes.

**Callout 1 (Auto):**

```
GetIsp : {"value" : {"Isp" : {"exposure" : "Auto"}}
```

**Callout 2 (Anti-smearing):**

```
GetIsp : {"value" : {"Isp" : {"exposure" : "Anti-Smearing", "shutter" : *}}}
```

**Callout 3 (Low noise):**

```
GetIsp : {"value" : {"Isp" : {"exposure" : "LowNoise", "gain" : *}}}
```

**Callout 4 (Manual):**

```
GetIsp : {"value" : {"Isp" : {"exposure" : "Manual", "gain" : *, "shutter" : *}}}
```

## Camera > Display : Backlight (détails)

The screenshot displays the Reolink camera settings interface. On the left is a 'Settings' sidebar with categories: Camera, Surveillance, Network, Storage, and System. The 'Camera' category is expanded, showing sub-options: Display (selected), Stream, Detection, Audio and Light, and Info. The main panel is titled 'Display' and contains various settings. The 'Advanced' section is expanded, showing sliders for Brightness (173), Contrast (128), Saturation (128), Hue (128), and Sharpen. Below these are three 'Backlight' controls, each with a dropdown menu and a slider. Red arrows point from JSON snippets to these controls. The first arrow points to the 'Off' dropdown, the second to the 'Dynamic Range' dropdown, and the third to the 'BackLightControl' dropdown. The '3D DNR' setting is also visible, set to 'Default'.

**Settings**

- Camera
  - Display**
  - Stream
  - Detection
  - Audio and Light
  - Info
- Surveillance
  - Record
  - Email
  - FTP
  - Siren
  - Push
- Network
- Storage
- System
  - User Management
  - Date & Time
  - More

**Display**

Flip: ☐

Mirroring: ☐

Camera Name: Bottom Left

Date & Time: Bottom Right

Watermark: ☐

Anti-flicker: Outdoor

Day and Night: Auto

Privacy Mask: Set Up

**Advanced**

Brightness: 173

Contrast: 128

Saturation: 128

Hue: 128

Sharpen

Exposure: Auto

Backlight: Off

Backlight: Backlight

Backlight: Dynamic Range

3D DNR: ☒

Default

**JSON Snippets:**

- `GetIsp : {"value" : { "Isp" : { "backLight" : "Off" } }}`
- `GetIsp : {"value" : { "Isp" : { "backLight" : "DynamicRangeControl", "drc" : "*" } }}`
- `GetIsp : {"value" : { "Isp" : { "backLight" : "BackLightControl", "blc" : "*" } }}`

## Camera > Stream

**Settings**

- Camera
  - Display
  - Stream**
  - Detection
  - Audio and Light
  - Info
- Surveillance
  - Record
  - Email
  - FTP
  - Siren
  - Push
- Network
- Storage
- System
  - User Management
  - Date & Time
  - More

**Stream**

**Clear**

Resolution:    
 Note: Changing this option may lead to a device restart.

Frame Rate (FPS):    
 Max Bitrate (Kbps):

**Fluent**

Resolution:    
 Note: Changing this option may lead to a device restart.

Frame Rate (FPS):    
 Max Bitrate (Kbps):

[Default](#)

**JSON Snippets:**

- GetEnc : {"value" : {"Enc" : {"mainStream" : {"resolution" : \*, "profile" : "\*\*\*\*", "size" : "\*\*\*\*"}}}}
- GetEnc : {"value" : {"Enc" : {"mainStream" : {"frameRate" : \*}}}}
- GetEnc : {"value" : {"Enc" : {"mainStream" : {"bitRate" : \*}}}}
- GetEnc : {"value" : {"Enc" : {"subStream" : {"resolution" : \*, "profile" : "\*\*\*\*", "size" : "\*\*\*\*"}}}}
- GetEnc : {"value" : {"Enc" : {"subStream" : {"frameRate" : \*}}}}
- GetEnc : {"value" : {"Enc" : {"subStream" : {"bitRate" : \*}}}}

Tableau de correspondance (champs liés « resolution » ↔ « size » ↔ couple « height »/ « width » ).  
Exemples :

resolution	↔	size	↔	height	width
54	↔	2560*1920	↔	1920	2560
41	↔	2560*1440	↔	1440	2560
32	↔	2048*1536	↔	1536	2048
28	↔	640*480	↔	480	640



**Le changement de résolution entraîne un redémarrage de la caméra**

Camera > Detection

Preview

Playback

reolink

Settings

Camera

Display

Stream

Detection

Audio and Light

Info

Surveillance

Record

Email

FTP

Siren

Push

Network

Storage

System

User Management

Date & Time

More

Alarm Settings

Sensitivity:

default

Low

Medium

High

00 : 00

24 : 00

Add Time Period

Motion Detection Zone

Set Up

sensitivity ( 50 [Low] → 1 [High] )

"sensDef" : \*  
(sensitivity default value)

GetMdAlarm : { "value" : { "MdAlarm" : { "newSens" : { "sens" : [...], "sensDef" : \*, "useNewSens" : 1 }}} }

GetMdAlarm : { "value" : { "MdAlarm" : { "scope" : { "cols" : \*, "rows" : \*, "table" : "\*\*\*\*" }}} }

## Camera > Detection : Motion Detection Zone

**Settings**

- Camera
  - Display
  - Stream
  - Detection**
  - Audio and Light
  - Info
- Surveillance
  - Record
  - Email
  - FTP
  - Share
  - Push
- Network
- Storage
- System
  - User Management
  - Date & Time
  - More

**Alarm Settings**

Sensitivity: Low Medium

00:00 - 24:00

Add Time Period

Motion Detection Zone

**Motion Detection Zone**

Create a zone over the area that you don't want to receive alerts about.

table

X

rows

Y

cols

Save

GetMdAlarm : {\"value\" : { \"MdAlarm\" : { \"scope\" : { \"cols\" : X, \"rows\" : Y, \"table\" : \"\*\*\*\" } } } }

**Exemple** de tableau (valeurs non représentatives):

cols : 6  
rows : 4

0	0	0	0	1	1
0	0	0	0	1	1
0	0	1	1	1	1
0	0	1	1	1	1

\"table\" : \"000011000011001111001111\"

GetMdAlarm : {\"value\" : { \"MdAlarm\" : { \"scope\" : { \"cols\" : 6, \"rows\" : 4, \"table\" : \"000011000011001111001111\" } } } }



# Camera > Audio and Light

Preview

Playback

reolink

Settings

Camera

Display

Stream

Detection

Audio and Light

Info

Surveillance

Record

Email

FTP

Siren

Push

Network

Storage

System

User Management

Date & Time

More

Audio & Indicator Lights

Record Audio

When it is disabled, you will hear no sound in video live viewing and playback.


☐

GetEnc : {"value" : { "Enc" : { "audio" : 0/1 }}}


Status LED

☒

GetPowerLed : {"value" : { "PowerLed" : { "state" : 0/1 }}}




Disabled




Enabled

Infrared Lights

See more clearly in dim light with IR lights on.



IR Lights Off



IR Lights On

☒ Auto

IR lights will automatically turn on in dim light and turn off when there is sufficient lighting.

☐ Stay Off

With infrared lights disabled, night vision may not perform well in the dark.

GetIrLights : {"value" : { "IrLights" : { "state" : "\*\*\*\*" } } }

## Camera > Info


reolink

Preview Playback

### Settings

- Camera
  - Display
  - Stream
  - Detection
  - Audio and Light
  - Info**
- Surveillance
  - Record
  - Email
  - FTP
  - Siren
  - Push
- Network
- Storage
- System
  - User Management
  - Date & Time
  - More

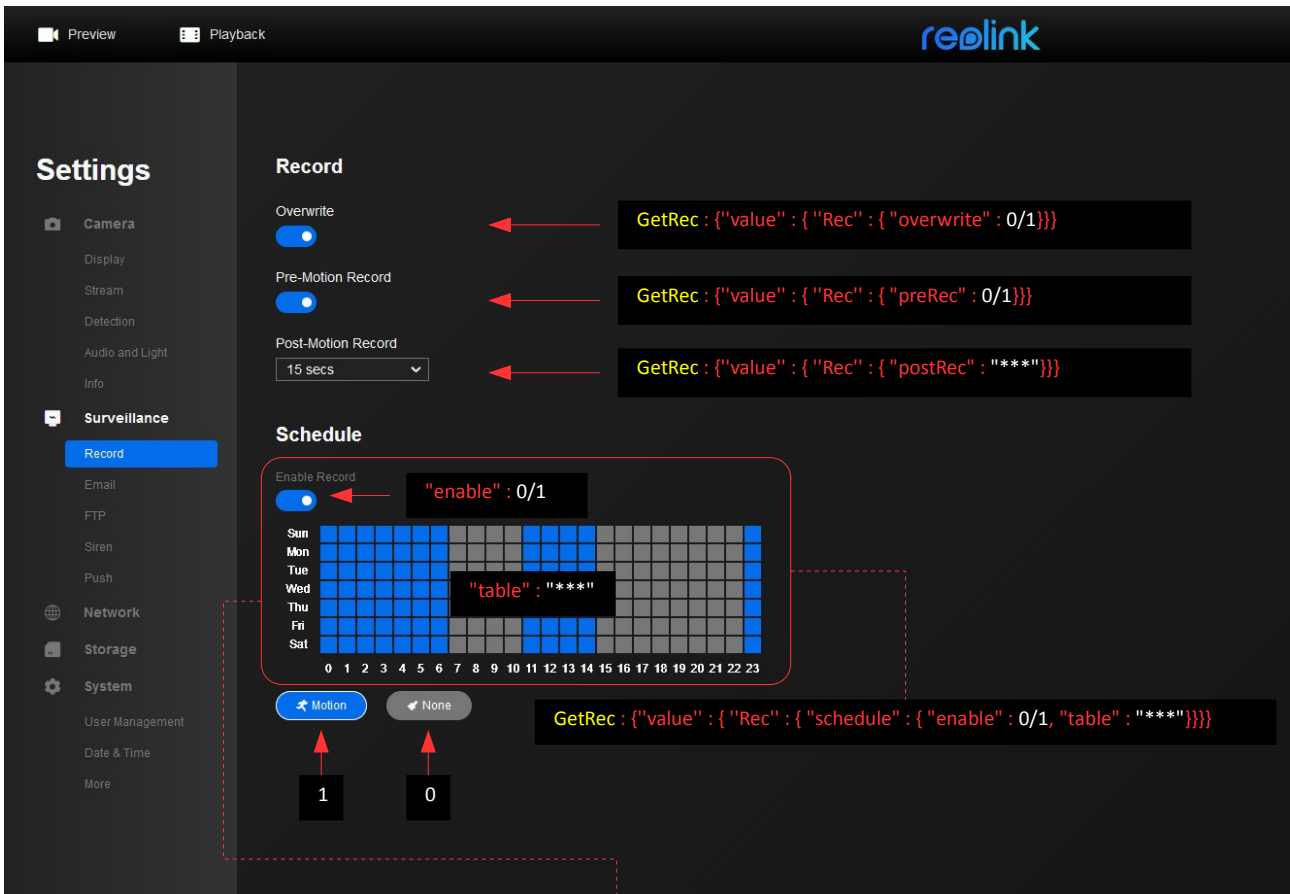
### Info



Camera Name	E4Zoom	<code>GetDevName : {"value" : {"DevName" : {"name" : "****"}}}</code>
Model	E4-Zoom	<code>GetDevInfo* : {"value" : {"DevInfo" : {"model" : "****"}}}</code>
UID		<code>GetP2p : {"value" : {"P2p" : {"uid" : "****"}}}</code>
Build No.	build-21040708	<code>GetDevInfo* : {"value" : {"DevInfo" : {"buildDay" : "****"}}}</code>
Hardware No.	IPC-515SD6	<code>GetDevInfo* : {"value" : {"DevInfo" : {"hardVer" : "****"}}}</code>
Config Version	v3-0-0-0	<code>GetDevInfo* : {"value" : {"DevInfo" : {"cfgVer" : "****"}}}</code>
Firmware Version	v3-0-0-247-21040708	<code>GetDevInfo* : {"value" : {"DevInfo" : {"firmVer" : "****"}}}</code>
Details	IPC-515SD6S10E0W31100000001	<code>GetDevInfo* : {"value" : {"DevInfo" : {"detail" : "****"}}}</code>

uid par défaut = numéro de série de la caméra

## Surveillance > Record



### Correspondance entre Planification (schedule) et le champ « table »

**Exemple** basé sur la planification (schedule) définie dans l'image ci-dessus :

Sun	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1
Mon	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1
Tue	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1
Wed	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1
Thu	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1
Fri	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1
Sat	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

```
"table":  
"11111110000111100000000111111100001111000000001111111000011110000000011111110000111100  
000000111111110000111100000000111111100001111000000001"
```

```
GetRec: {"value": {"Rec": {"schedule": { "enable": 1, "table":  
"111111100001111100000000111111100001111000000001111111000011110000000011111110000111100000000  
1111111000011110000000011111110000111100000001" }}}}
```

## Surveillance > Email

Preview

Playback

reolink

Settings

Camera

Display

Stream

Detection

Audio and Light

Info

Surveillance

Record

Email

FTP

Siren

Push

Network

Storage

System

User Management

Date & Time

More

Email

Email Settings

SMTP Server  
smtp.gmail.com

Enable SSL or TLS  
☒

SMTP Port (1~65535)  
465

Sender Name  
Type Here

• Sender Address

• Password

• Recipient Address 1  
Sender

Recipient Address 2  
Type Here

Recipient Address 3  
Type Here

Email Content  
Text with Picture

Interval  
5 Minutes

Save

Schedule

Enable Email Alerts  
☒

Sun  
Mon  
Tue  
Wed  
Thu  
Fri  
Sat

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

Timer  
Motion  
None

2  
1  
0

(option suppl.)  
suivant cameras

GetEmail : {"value" : {"Email" : {"smtpServer" : "\*\*\*\*"}}}

GetEmail : {"value" : {"Email" : {"ssl" : 0/1}}}

GetEmail : {"value" : {"Email" : {"smtpPort" : "\*\*\*\*"}}}

GetEmail : {"value" : {"Email" : {"nickName" : "\*\*\*\*"}}}

GetEmail : {"value" : {"Email" : {"userName" : "\*\*\*\*"}}}

GetEmail : {"value" : {"Email" : {"password" : "\*\*\*\*"}}}

GetEmail : {"value" : {"Email" : {"addr1" : "\*\*\*\*"}}}

GetEmail : {"value" : {"Email" : {"addr2" : "\*\*\*\*"}}}

GetEmail : {"value" : {"Email" : {"addr3" : "\*\*\*\*"}}}

GetEmail : {"value" : {"Email" : {"attachmentType" : \*, "textType" : \*, "supportTextType" : \*, "supportVideo" : \*}}}

GetEmail : {"value" : {"Email" : {"interval" : "\*\*\*\*"}}}

"enable" : 0/1

"table" : "\*\*\*\*"

GetEMail : {"value" : {"Email" : {"schedule" : {"enable" : \*, "table" : "\*\*\*\*"}}}}

Surveillance > Email : Content (détails)

Preview

Playback

reolink

Settings

Camera

Display

Stream

Detection

Audio and Light

Info

Surveillance

Record

Email

FTP

Siren

Push

Network

Storage

System

User Management

Date & Time

More

Email

Email Settings

SMTP Server

smtp.gmail.com

Enable SSL or TLS

SMTP Port (1~65535)

465

Sender Name

Type Here

Sender Address

Password

Recipient Address 1

Sender

Recipient Address 2

Type Here

Recipient Address 3

Type Here

Email Content

Text

Picture

Text with Picture

Text with Video

Interval

5 Minutes

Save

	Text	Picture	Text with Picture	Text with Video
"attachmentType"	0	1	1	2
"textType"	1	0	1	1
"supportTextType"	1	1	1	1
"supportVideo"	1	1	1	1

Thu

Fri

GetEmail : {"value" : { "Email" : { "attachmentType" : \*, "textType" : \*, "supportTextType" : \*, "supportVideo" : \* }}

Motion

None

Save

Surveillance > Ftp

Settings

Camera

Display

Stream

Detection

Audio and Light

Info

Surveillance

Record

Email

FTP

Siren

Push

Network

Storage

System

User Management

Date & Time

More

FTP Settings

FTP Server

Type Here

Port (1~65535)

Type Here

Anonymous

☒

Upload Directory

Type Here

Max File Length (10~1024)

100

MB

File Type

Clear video and image

Transport Mode

AUTO

FTP Postpone

30 Seconds

Save

Schedule

Enable FTP

☒

Sun

Mon

Tue

Wed

Thu

Fri

Sat

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

Timer

Motion

None

2

1

0

(option suppl.)

support cameras

GetFtp : {"value" : {"Ftp" : {"server" : "\*\*\*\*"}}}

GetFtp : {"value" : {"Ftp" : {"port" : \*}}}

GetFtp : {"value" : {"Ftp" : {"anonymous" : 0/1}}}

GetFtp : {"value" : {"Ftp" : {"remoteDir" : "\*\*\*\*"}}}

GetFtp : {"value" : {"Ftp" : {"maxSize" : \*}}}

GetFtp : {"value" : {"Ftp" : {"streamType" : \*}}}

GetFtp : {"value" : {"Ftp" : {"mode" : \*}}}

GetFtp : {"value" : {"Ftp" : {"interval" : \*}}}

GetFtp : {"value" : {"Ftp" : {"schedule" : {"enable" : \*, "table" : "\*\*\*\*"}}}}

Transport Mode			
	AUTO	PORT	PASV
mode	0	1	2

File Type				
	Clear video and image	Fluent video and image	Standard video and image	Image only
streamType	0	1	2	3

Surveillance > Ftp : Anonymous (détails)

Preview

Playback

reolink

Settings

Camera

Display

Stream

Detection

Audio and Light

Info

Surveillance

Record

Email

FTP

Siren

Push

Network

Storage

System

User Management

Date & Time

More

FTP Settings

FTP Settings

FTP Server

Port (1~65535)

Anonymous

Upload Directory

Max File Length (10~1024)

File Type

Transport Mode

FTP Postpone

Schedule

Anonymous

Username

Password

GetFtp : {"value" : { "Ftp" : { "anonymous" : 0/1}}}

GetFtp : {"value" : { "Ftp" : { "userName" : "\*\*\*"}}}

GetFtp : {"value" : { "Ftp" : { "password" : "\*\*\*"}}}

Surveillance > Siren

Preview

Playback

reolink

Settings

Camera

Display

Stream

Detection

Audio and Lig

Info

Surveillance

Record

Email

FTP

Siren

Push

Network

Storage

System

User Management

Date & Time

More

Siren

Schedule

The siren will sound when motion is detected.

"enable" : 0/1

Sun

Mon

Tue

Wed

Thu

Fri

Sat

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

"table" : "\*\*\*"

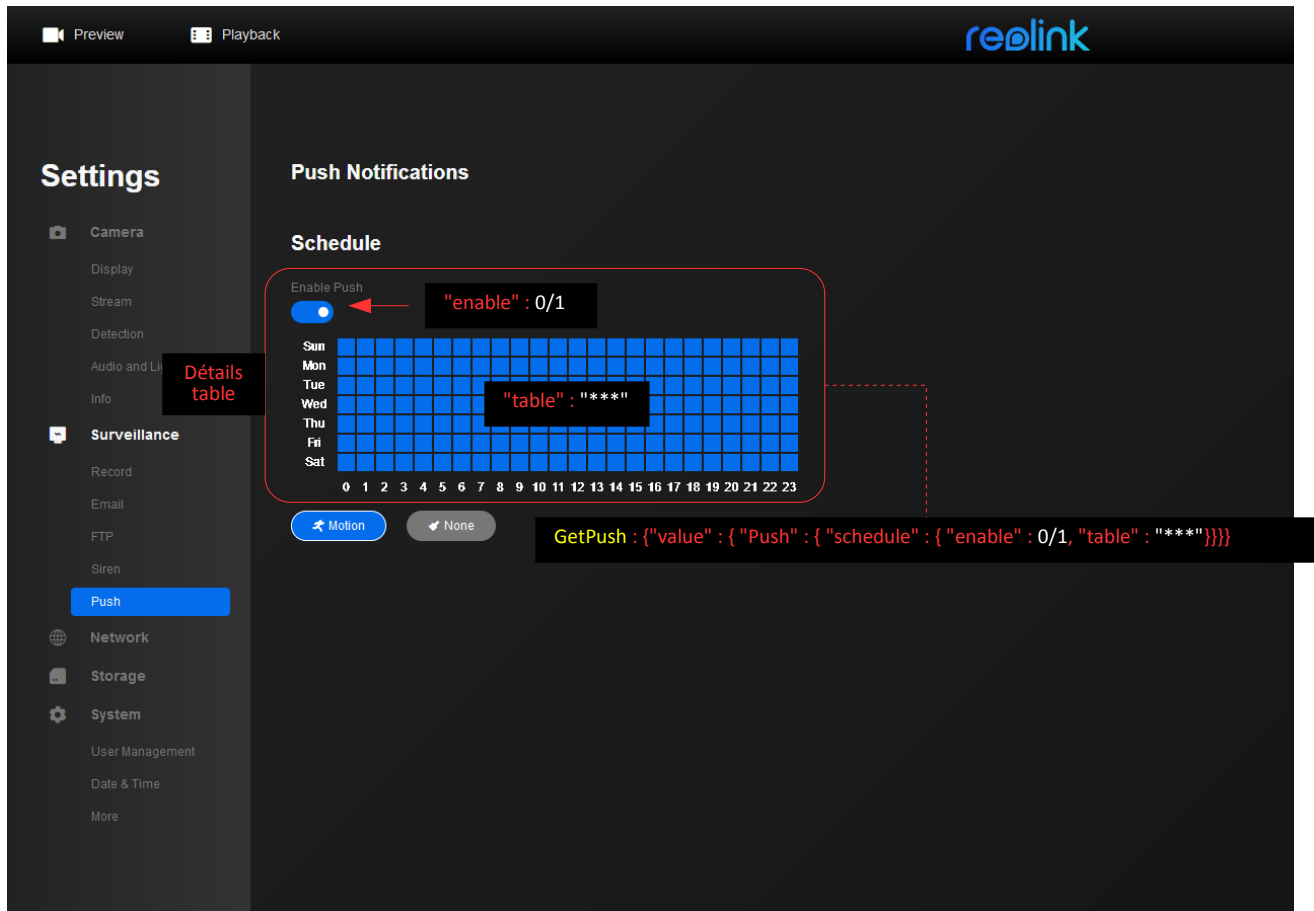
Motion

None

GetAudioAlarm : {"value" : { "Audio" : { "schedule" : { "enable" : 0/1, "table" : "\*\*\*" } } } }



## Surveillance > Push



**Settings**

- Camera
- Display
- Stream
- Detection
- Audio and Li
- Info
- Surveillance**
  - Record
  - Email
  - FTP
  - Siren
  - Push**
- Network
- Storage
- System
  - User Management
  - Date & Time
  - More

**Push Notifications**

**Schedule**

Enable Push ☒ `"enable" : 0/1`

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sun																								
Mon																								
Tue																								
Wed																								
Thu																								
Fri																								
Sat																								

`"table" : "****"`

☒ Motion ☐ None

`GetPush : {"value" : {"Push" : {"schedule" : {"enable" : 0/1, "table" : "****" }}}`



**L'activation/Désactivation du Push de la camera  
PASSE MAINTENANT PAR L'APPLICATION SMARTPHONE.**

**Le champ Enable retourné par GetPush EST INDEPENDANT de ce  
fonctionnement.**

## Network (Wired mode)

The screenshot shows the Reolink web interface for network settings. The left sidebar contains a 'Settings' menu with options: Camera, Display, Stream, Detection, Audio and Light, Info, Surveillance, **Network**, Storage, and System. The 'Network' section is active, showing 'Connected Network' as 'Wired Network Connection'. The 'Network Status' section is expanded, listing IP Address, Subnet Mask, Gateway, Preferred DNS, Alternate DNS, and MAC Address, with a 'Set Up' button. The 'Advanced' section is also expanded, showing 'Enable UPnP' (checked), 'Enable UID' (unchecked), and 'Enable DDNS' (unchecked). Below these are 'NTP Settings' and 'Port Settings', each with a 'Set Up' button. Annotations include red boxes around the 'Network Status' section, the 'Enable DDNS' toggle, and the 'NTP Settings' and 'Port Settings' sections. Red arrows point from these boxes to corresponding JSON snippets on the right. The 'détails' label is present next to the 'Network' menu item and the 'Enable DDNS', 'NTP Settings', and 'Port Settings' sections.

Preview Playback reolink

### Settings

- Camera
- Display
- Stream
- Detection
- Audio and Light
- Info
- Surveillance
- Network**
- Storage
- System

### Network

Connected Network

Wired Network Connection

**Network Status** ^

- IP Address
- Subnet Mask
- Gateway
- Preferred DNS
- Alternate DNS
- MAC Address

Set Up

**Advanced** ^

Enable UPnP ☒

Enable UID ☐

Note: Device will reboot automatically if you disable the UID.

Enable DDNS ☐

NTP Settings

Set Up

Port Settings

Set Up

détails

détails

détails

GetLocalLink : {"value" : { "LocalLink" : {...}}}

GetUpnp : {"value" : { "Upnp" : { "enable" : 0/1}}}

GetP2p : {"value" : { "P2p" : { "enable" : 0/1}}}

GetDdns : {"value" : { "Ddns" : { "enable" : 0/1}}}

GetNtp : {"value" : { "Ntp" : {...}}}

GetNetPort : {"value" : { "NetPort" : {...}}}

## Network (Wifi mode)

The screenshot displays the Reolink web interface for Network settings. The left sidebar contains a 'Settings' menu with 'Network' selected. The main content area is divided into 'Network' and 'WiFi Settings' sections. Red annotations and arrows link specific UI elements to API endpoints:

- GetWifiSignal\* :** {"value" : { "wifiSignal" : \* }}
- ScanWifi\* :** (points to the 'Scan' button in the 'Saved WiFi network' section)
- GetUpnp :** {"value" : { "Upnp" : { "enable" : 0/1 } }}
- GetP2p :** {"value" : { "P2p" : { "enable" : 0/1 } }}
- GetWifi :** {"value" : { "Wifi" : { "ssid" : "\*\*\*\*\*" } }}
- GetWifi :** {"value" : { "Wifi" : { "password" : "\*\*\*\*\*" } }}

The interface includes sections for 'Network Status' (IP Address, Subnet Mask, Gateway, Preferred DNS, Alternate DNS, MAC Address), 'Advanced' settings (Enable UPnP, Enable UID, Enable DDNS), and 'WiFi Settings' (Current Network Connection, Wireless Network list, Add WiFi Info Manually, SSID, Password, Connect button).

Network (Wired/Wifi mode) : NetworkSettings (détails)

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Settings

Camera

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Network

Connected Network

Wired Network Connection

Network Status

IP Address

Subnet Mask

Gateway

Preferred DNS

Alternate DNS

MAC Address

Set Up

Advanced

Enable UPnP

Enable UID

Enable DDNS

NTP Settings

Port Settings

Network Settings

Connection Type

IP Address

Subnet Mask

Gateway

DNS

Preferred DNS

Alternate DNS

Save

GetLocalLink : {"value" : {"LocalLink" : {"type" : "\*\*\*\*1"}}

GetLocalLink : {"value" : {"LocalLink" : {"static" : {"ip" : "\*\*\*\*"}}

GetLocalLink : {"value" : {"LocalLink" : {"static" : {"mask" : "\*\*\*\*"}}

GetLocalLink : {"value" : {"LocalLink" : {"static" : {"gateway" : "\*\*\*\*"}}

GetLocalLink : {"value" : {"LocalLink" : {"dns" : {"auto" : 0/1}}}

GetLocalLink : {"value" : {"LocalLink" : {"dns" : {"dns1" : "\*\*\*\*"}}

GetLocalLink : {"value" : {"LocalLink" : {"dns" : {"dns2" : "\*\*\*\*"}}

Network (Wired/Wifi mode) : Ddns (détails)

Preview

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reolink

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Audio and Light

Info

Surveillance

**Network**

Storage

System

Network

Connected Network

Wired Network Connection

Network Status

IP Address

Subnet Mask

Gateway

Preferred DNS

Alternate DNS

MAC Address

Set Up

Advanced

Enable UPnP

Enable UID

Note: Device will reboot automatically if you disable the UID.

Enable DDNS

Enable DDNS

NTP Settings

Set Up

Port Settings

Set Up

DDNS Settings

Set Up

DDNS Settings

DDNS Server Type

NO-IP

Server Domain Name

Type Here

Username

Type Here

Password

Type Here

Confirm Password

Type Here

Save

GetDdns : {"value" : { "Ddns" : { "enable" : 0/1}}}

GetDdns : {"value" : { "Ddns" : { "type" : "\*\*\*\*"}}}

GetDdns : {"value" : { "Ddns" : { "servAddr" : "\*\*\*\*"}}}

GetDdns : {"value" : { "Ddns" : { "userName" : "\*\*\*\*"}}}

GetDdns : {"value" : { "Ddns" : { "password" : "\*\*\*\*"}}}

## Network (Wired/Wifi mode) : Ntp (détails)

The screenshot displays the Reolink settings application. On the left, a sidebar lists various settings categories: Camera, Display, Stream, Detection, Audio and Light, Info, Surveillance, **Network** (highlighted), Storage, and System. The main content area is titled 'Network' and includes sections for 'Connected Network' (showing 'Wired Network Connection'), 'Network Status' (listing IP Address, Subnet Mask, Gateway, Preferred DNS, Alternate DNS, and MAC Address), 'Advanced' (with toggles for UPnP, UID, and DDNS), 'NTP Settings' (highlighted with a red box and a red arrow pointing to the modal), and 'Port Settings'. An 'NTP Settings' modal is open in the foreground, showing fields for 'NTP Server' (a dropdown), 'NTP Port (1-65535)' (text input with '123'), 'Auto-synchronize' (a toggle switch), and 'Synchronize Every (60-65535) Min(s)' (text input with '60'). Red arrows point from each of these fields to corresponding JSON snippets on the right. The modal also features 'Synchronize' and 'Save' buttons at the bottom.

**Network Settings**

- Connected Network: Wired Network Connection
- Network Status
  - IP Address
  - Subnet Mask
  - Gateway
  - Preferred DNS
  - Alternate DNS
  - MAC Address
- Advanced
  - Enable UPnP
  - Enable UID
  - Enable DDNS
- NTP Settings** (Set Up)
- Port Settings (Set Up)

**NTP Settings Modal**

- NTP Server: `GetNtp : {"value" : { "Ntp" : { "server" : "****" } }}`
- NTP Port (1-65535): `GetNtp : {"value" : { "Ntp" : { "port" : "*" } }}`
- Auto-synchronize: `GetNtp : {"value" : { "Ntp" : { "enable" : 0/1 } }}`
- Synchronize Every (60-65535) Min(s): `GetNtp : {"value" : { "Ntp" : { "interval" : "****" } }}`

Buttons: Synchronize, Save

## Network (Wired/Wifi mode) : PortSettings (détails)

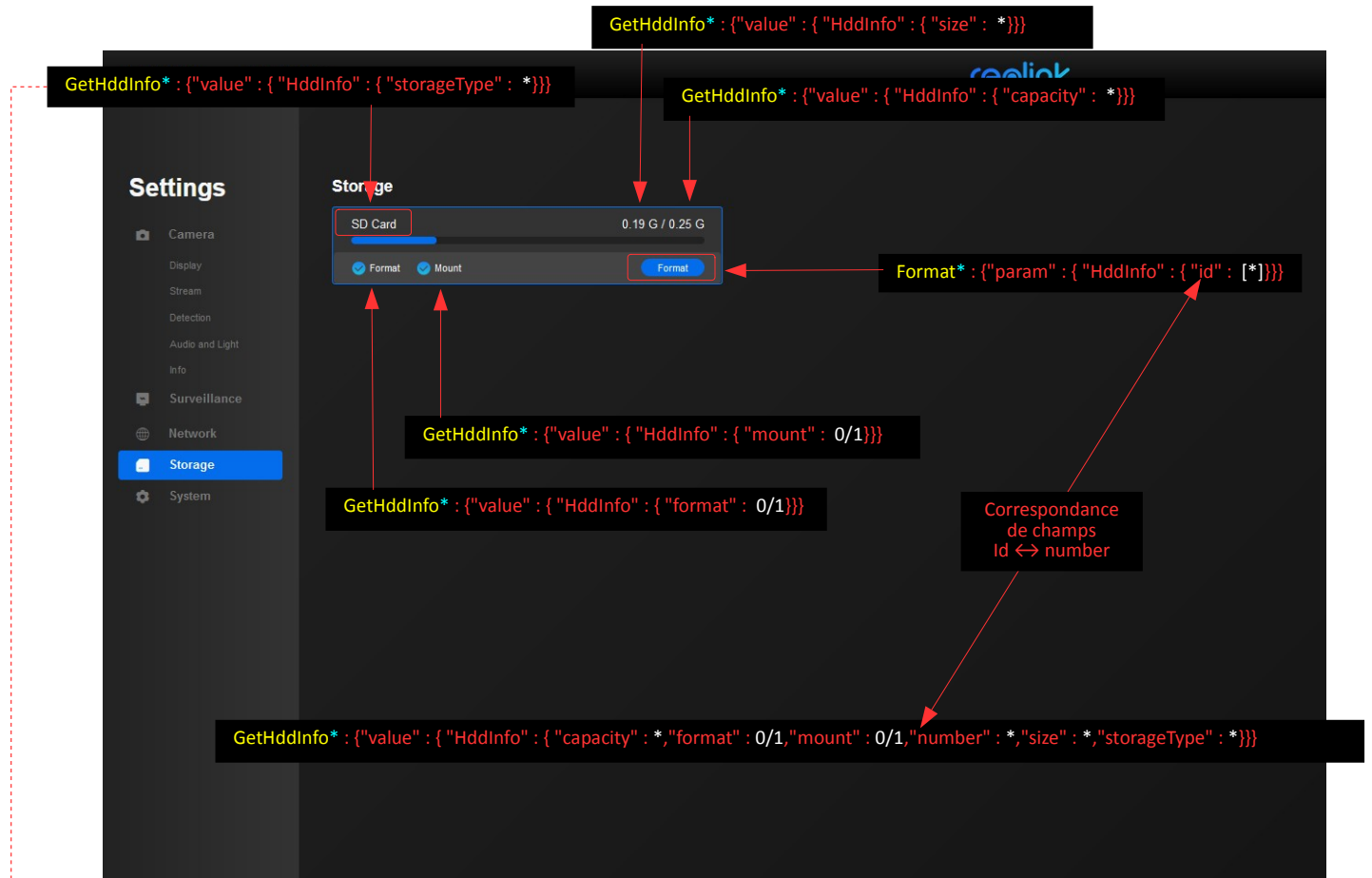
The screenshot displays the Reolink web interface. On the left, the 'Settings' menu is visible with 'Network' selected. The main panel shows 'Network' settings, including 'Connected Network' (Wired Network Connection), 'Network Status', and 'Advanced' options like 'Enable UPnP', 'Enable UID', 'Enable DDNS', and 'NTP Settings'. A 'Port Settings' button is highlighted in the 'Advanced' section. A modal window titled 'Port Settings' is open, showing fields for Media Port (9000), HTTP Port (80), HTTPS Port (443), RTSP Port (554), RTMP Port (1935), and ONVIF Port (8000). Each field has a red arrow pointing to a corresponding JSON snippet on the right. The 'Save' button is at the bottom of the modal.

**Port Settings**

Port Type	Value	JSON Snippet
Media Port	9000	<code>GetNetPort : {"value" : { "NetPort" : { "mediaPort" : * } } }</code>
HTTP Port	80	<code>GetNetPort : {"value" : { "NetPort" : { "httpPort" : * } } }</code>
HTTPS Port	443	<code>GetNetPort : {"value" : { "NetPort" : { "httpsPort" : * } } }</code>
RTSP Port	554	<code>GetNetPort : {"value" : { "NetPort" : { "rtspPort" : * } } }</code>
RTMP Port	1935	<code>GetNetPort : {"value" : { "NetPort" : { "rtmpPort" : * } } }</code>
ONVIF Port	8000	<code>GetNetPort : {"value" : { "NetPort" : { "onvifPort" : * } } }</code>

**Save**

## Storage



Storage Type		
	Disk	SDCard
storageType	1	2



La commande Format entraîne le redémarrage de la caméra



## System > User Management

The screenshot displays the Reolink web interface for User Management. The left sidebar shows the navigation menu with 'System' > 'User Management' selected. The main content area shows the 'User' management section with a table of users. The 'admin' user is highlighted as the 'current' user. A 'Change Password' modal is open, showing fields for 'Old Password', 'Password', and 'Confirm Password'. Annotations with red arrows link specific UI elements to API calls:

- GET User:** `GetUser* : {"value" : { "User" : [...] }}` (linked to the 'User' header)
- POST User:** `GetUser* : {"value" : { "User" : [{ "level" : "admin", "userName" : "admin" }] }}` (linked to the 'Add User' button)
- PUT User:** `ModifyUser* : {"value" : { "User" : { "userName" : "admin", "password" : "****" } }}` (linked to the 'Save' button in the 'Change Password' modal)

Labels for the 'admin' user fields include 'level' (pointing to the 'Administrator' role) and 'userName' (pointing to the 'admin' username).

## System > User Management : Online (détails)

The screenshot displays the Reolink web interface for User Management. The left sidebar shows the 'Settings' menu with categories like Camera, Surveillance, Network, Storage, and System. The 'System' category is expanded, and 'User Management' is selected. The main area shows the 'Administrator' user details, including the username 'admin', the role 'current', and the IP Address field. A 'Change Password' button is visible. A 'GetOnline\*' status bar at the top indicates the user is online. A red box highlights the 'Administrator' user, and a red arrow points to the 'IP Address' field. A red box also highlights the 'Administrator' user, and a red arrow points to the 'IP Address' field. A red box also highlights the 'Administrator' user, and a red arrow points to the 'IP Address' field.

level

GetOnline\* : {"value" : { "User" : [...]}}

User

Administrator admin current

IP Address

Change Password

Add User

ip

userName

System > User Management : AddUser (détails)

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Audio and Light

Info

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Email

FTP

Siren

network

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System

User Management

Date & Time

More

User

Administrator

admin

current

IP Address

Change Password

Add User

Add User

Add family members and friends as admins or users to access your devices easily.

User Type

User

Access devices and change their own login passwords, but are not allowed to alter device settings.

Administrator

Access devices, change device settings and manage all users.

Username

Type Here

Password

Type Here

Confirm Password

Type Here

Save

AddUser\* : {"value" : { "User" : {...}}}

AddUser\* : {"value" : { "User" : { "level" : "\*\*\*\*" } }}

AddUser\* : {"value" : { "User" : { "userName" : "\*\*\*\*" } }}

AddUser\* : {"value" : { "User" : { "password" : "\*\*\*\*" } }}

System > User Management : AddUser (détails)

Preview

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Settings

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Audio and Light

Info

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Record

Email

Siren

Push

Network

Storage

System

User Management

Date & Time

More

Maintenance

Auto Focus

Configuration

Firmware Upgrade

Update Configuration

Upgrade

PARTIE NON TRAITEE

Auto Reboot

Auto Reboot Time

Every Sunday

02

00

00

Default Settings

Restore

Reboot

GetAutoFocus : {"value" : { "AutoFocus" : { "disable" : 0/1}}}

GetAutoMaint : {"value" : { "AutoMaint" : { "enable" : 0/1}}}

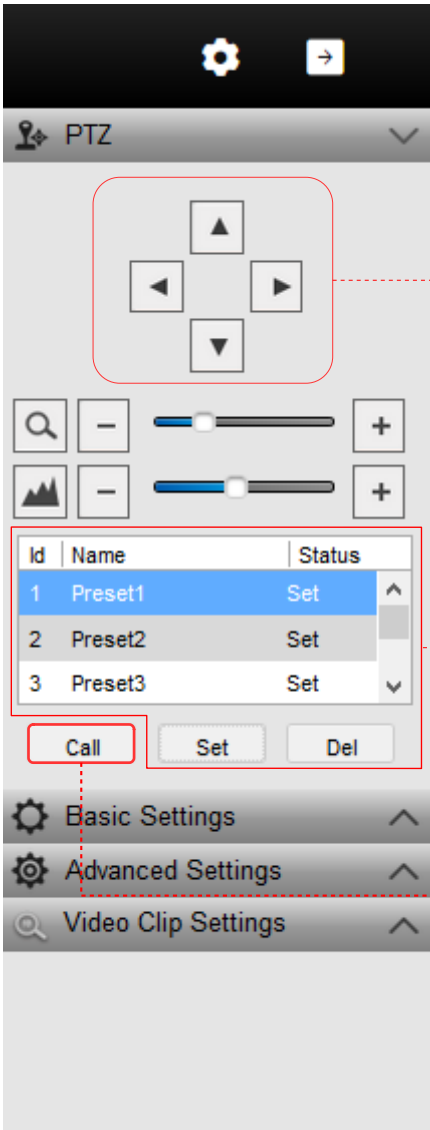
GetAutoMaint : {"value" : { "AutoMaint" : { "weekDay" : "\*\*\*\*"}}}

GetAutoMaint : {"value" : { "AutoMaint" : { "hour" : \*, "mn" : \*, "sec" : \*}}}

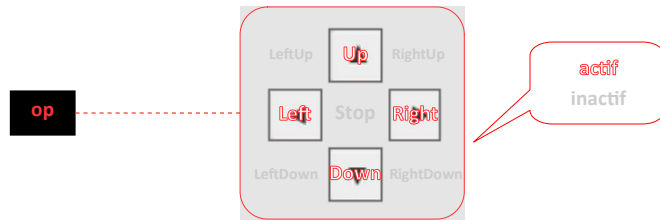
Restore: [{"cmd":"Restore","action":0,"param":{}}]

Reboot : [{"cmd":"Reboot","action":0,"param":{}}]

PTZ > PtzCtrl/PtzPreset



`PtzCtrl* : [{"cmd":"PtzCtrl","action":0,"param" : { "channel":*, "speed":*, "op":"***"}}]}`

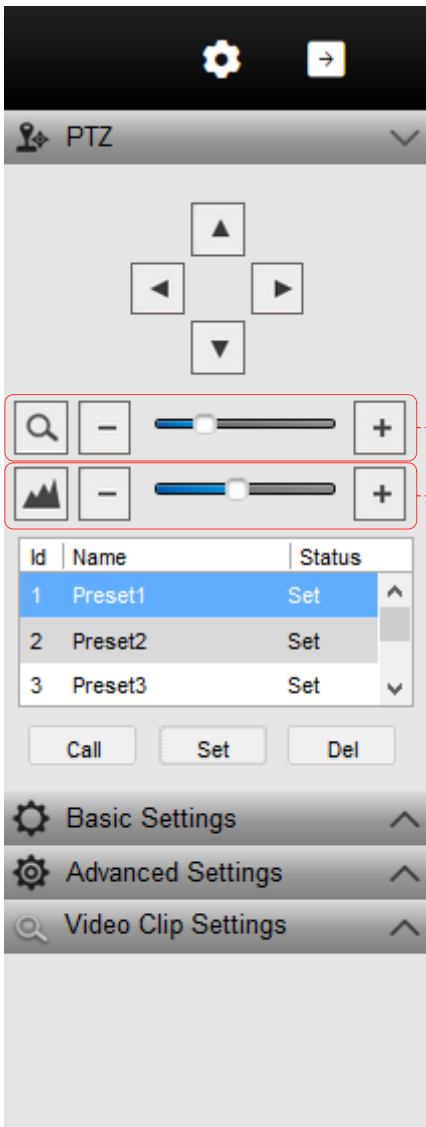


**NB :**  
speed : 1 (lent) → 64 (rapide)

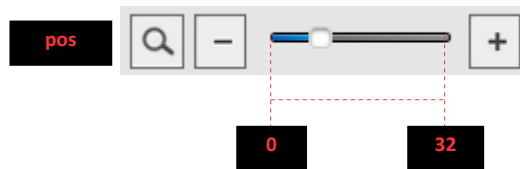
`GetPtzPreset : {"value" : { "PtzPreset" : { "channel" : *, "enable" : 0/1, "id" : *, "name" : "*****"}}}`

`PtzCtrl* : [{"cmd":"PtzCtrl","action":0,"param" : { "channel":*, "id": *, "speed":*, "op": "ToPos"}}]}`

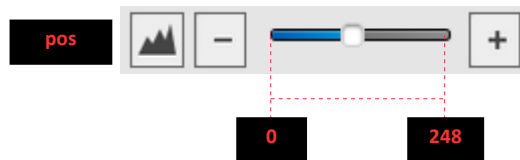
## PTZ > ZoomFocus



`StartZoomFocus* : {"param" : {"ZoomFocus":{"channel": "*", "pos": "*", "op": "ZoomPos"}}}`



`StartZoomFocus* : {"param" : {"ZoomFocus":{"channel": "*", "pos": "*", "op": "FocusPos"}}}`



## BasicSettings > OSD

The screenshot shows a mobile application interface for video settings. At the top, there are icons for a gear (settings) and a right arrow. Below this is a header bar with 'PTZ' and an up arrow, and 'Basic Settings' with a down arrow. The 'Basic Settings' menu is expanded, showing three tabs: 'OSD', 'Encode', and 'Image'. The 'OSD' tab is selected. Under the 'OSD' tab, there are two sections. The first section has a checked checkbox for 'Name' with the value 'E1Zoom' and a dropdown for 'Position' set to 'Lower Left'. The second section has a checked checkbox for 'Date/Time' and a dropdown for 'Position' set to 'Lower Right'. A 'Save' button is located below these sections. At the bottom of the screen, there are two more menu items: 'Advanced Settings' and 'Video Clip Settings', both with up arrows.

PTZ

Basic Settings

OSD Encode Image

☒ Name E1Zoom

Position Lower Left

Date/Time ☒

Position Lower Right

Save



Advanced Settings


Video Clip Settings


GetOsd : {"value" : { "Osd" : { "osdChannel" : { "enable" : 0/1, "name" : "\*\*\*\*", "pos" : "\*\*\*\*" } } } }

GetOsd : {"value" : { "Osd" : { "osdTime" : { "enable" : 0/1, "pos" : "\*\*\*\*" } } } }

BasicSettings > Encode



 PTZ ^

 Basic Settings v

OSD

Encode

Image

Stream

Clear v

Record Audio

☐

Resolution

2560\*1920 v

Frame Rate(fps)

15 v


Maximum Bitrate(kbps)


4096 v

H.264 Profile

High v

Save

 Advanced Settings ^

 Video Clip Settings ^

GetEnc : {"value" : {"Enc" : {"audio" : 0/1}}}

GetEnc : {"value" : {"Enc" : {"mainStream" : {"resolution" : \*, "size" : "\*\*\*\*"}}}}

GetEnc : {"value" : {"Enc" : {"mainStream" : {"frameRate" : \*}}}}

GetEnc : {"value" : {"Enc" : {"mainStream" : {"bitRate" : \*}}}}

GetEnc : {"value" : {"Enc" : {"mainStream" : {"profile" : "\*\*\*\*"}}}}



## BasicSettings > Image

The screenshot shows the 'Basic Settings' menu with the 'Image' tab selected. The menu includes sliders for Bright, Contrast, Saturation, Hue, and Sharp, and checkboxes for Mirroring and Rotation. A 'Default' button is located below the checkboxes. Red arrows point from each slider and checkbox to a corresponding JSON command. Dashed red arrows point from the 'Default' button to the 'Advanced Settings' and 'Video Clip Settings' options.

**Bright** → `GetImage : {"value" : {"Image" : {"bright" : *}}}`

**Contrast** → `GetImage : {"value" : {"Image" : {"contrast" : *}}}`

**Saturation** → `GetImage : {"value" : {"Image" : {"saturation" : *}}}`

**Hue** → `GetImage : {"value" : {"Image" : {"hue" : *}}}`

**Sharp** → `GetImage : {"value" : {"Image" : {"sharpen" : *}}}`

**Mirroring** → `GetIsp : {"value" : {"Isp" : {"rotation" : 0/1}}}`

**Rotation** → `GetIsp : {"value" : {"Isp" : {"mirroring" : 0/1}}}`

**Default** → `GetIsp : {"value" : {"Isp" : {"rotation" : 0/1}}}`

**Advanced Settings** → `GetIsp : {"value" : {"Isp" : {"mirroring" : 0/1}}}`

**Video Clip Settings** → `GetIsp : {"value" : {"Isp" : {"mirroring" : 0/1}}}`

## Advanced Settings

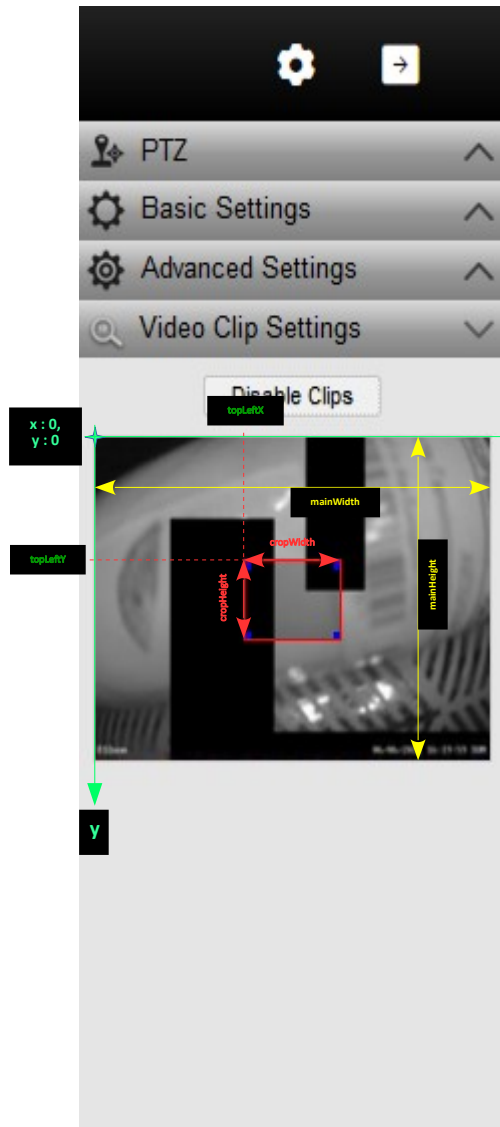
The screenshot shows the 'Advanced Settings' menu with the following options and their corresponding API calls:

Setting	Value	API Call
Anti-flicker	Outdoor	<code>GetIsp : {"value" : { "Isp" : { "antiFlicker" : "****" }}}</code>
Exposure	Auto	<code>GetIsp : {"value" : { "Isp" : { "exposure" : "****", "gain" : *, "shutter" : *}}}</code>
DayNight	Auto	<code>GetIsp : {"value" : { "Isp" : { "dayNight" : "****" }}}</code>
Backlight	Dynamic Range	<code>GetIsp : {"value" : { "Isp" : { "backLight" : "****", "blc" : *, "drc" : *}}}</code>
DRC	(Slider)	
LED Light	Auto	<code>GetIrLights : {"value" : { "IrLights" : { "state" : "****" }}}</code>
POWER Light	On	<code>GetPowerLed : {"value" : { "PowerLed" : { "state" : 0/1}}}</code>
3D-NR	<input checked="" type="checkbox"/> Enable	<code>GetIsp : {"value" : { "Isp" : { "nr3d" : 0/1}}}</code>

Buttons: Default, Save

Video Clip Settings

## Video Clip Settings



```
GetCrop : {"value" : { "Crop" : {  
    "channel": * ,  
    "cropHeight": 480,  
    "cropWidth": 640,  
    "mainHeight": 2560,  
    "mainWidth": 1920,  
    "topLeftX": 960,  
    "topLeftY": 720  
}}}
```

## Others Settings



GetMdState\* : {"value" : { "state" : \* }}



Snap\*

Dimensionnement possible de l'image de capture avec les options **&width=xxx** et **&height=yyy**  
(xxx et yyy en pixels)

Exemple :

`http(s)://#IP#/cgi-bin/api.cgi?cmd=Snap&width=320&height=240&channel=*&rs=#value#&user=#username#&password=#password#`

[ **OU** `http(s)://#IP#/cgi-bin/api.cgi?cmd=Snap&width=320&height=240&channel=*&rs=#value#&token=#password#` ]

----> Image 320px \*240 px