

# How to Download and Use the SADP Tool

ver 3.0.0.10

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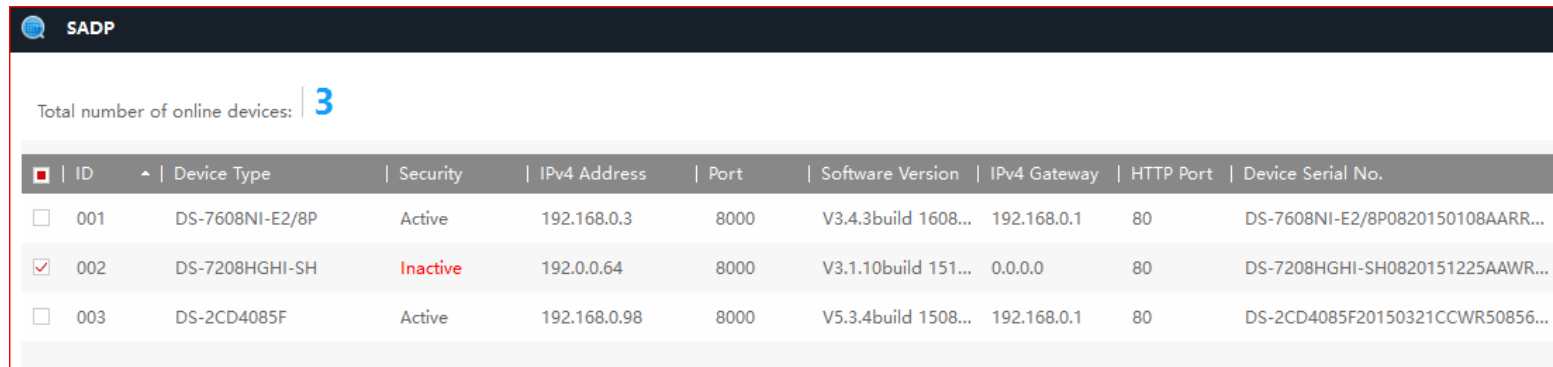
# SADP Tool

SADP = Search Active Device Protocol.

Supported on Windows OS

Finds only devices on same physical network as computer

Finds all Hikvision devices on the physical network, even if they are on other subnets.



The screenshot shows the SADP tool interface. At the top, there is a search icon and the text "SADP". Below this, it says "Total number of online devices: 3". The main part of the interface is a table with the following columns: ID, Device Type, Security, IPv4 Address, Port, Software Version, IPv4 Gateway, HTTP Port, and Device Serial No. There are three rows of data, each with a checkbox in the first column. The second row is checked.

<input type="checkbox"/>	ID	Device Type	Security	IPv4 Address	Port	Software Version	IPv4 Gateway	HTTP Port	Device Serial No.
<input type="checkbox"/>	001	DS-7608NI-E2/8P	Active	192.168.0.3	8000	V3.4.3build 1608...	192.168.0.1	80	DS-7608NI-E2/8P0820150108AARR...
<input checked="" type="checkbox"/>	002	DS-7208HGHI-SH	Inactive	192.0.0.64	8000	V3.1.10build 151...	0.0.0.0	80	DS-7208HGHI-SH0820151225AAWR...
<input type="checkbox"/>	003	DS-2CD4085F	Active	192.168.0.98	8000	V5.3.4build 1508...	192.168.0.1	80	DS-2CD4085F20150321CCWR50856...

# How to Download

1. Go to tech.hikvisionusa.com
2. Click on Download
3. Then Tools
4. Select SADPv3.0.0.10

The screenshot shows a web browser at the URL `tech.hikvisionusa.com/firmware`. The page features the Hikvision logo and a navigation menu with a red 'Download' button. A red arrow labeled [1] points to the browser's address bar. Another red arrow labeled [2] points to the 'Download' button. Below the button, there is a 'Download' section with an 'ATTENTION' message and a list of links: 'Firmware', 'Tools', 'VMS', and 'Product Quick Guide'. A red arrow labeled [3] points to the 'Tools' link. A separate inset window titled 'Tools' shows a list of software items: 'Batch Configuration Tool v2.0.0.2' and 'SADP v3.0.0.10'. A red box and arrow labeled [4] highlight the 'SADP v3.0.0.10' item.

# How to Download SADP

5. The “SADPv3.0.0.10 .zip file should download

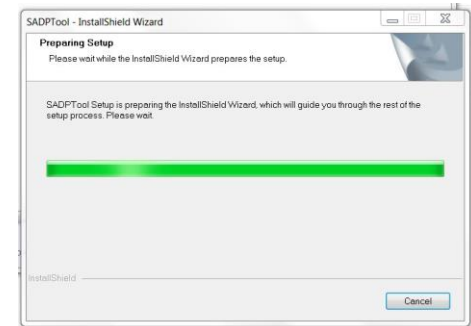


6. Double click on File Name



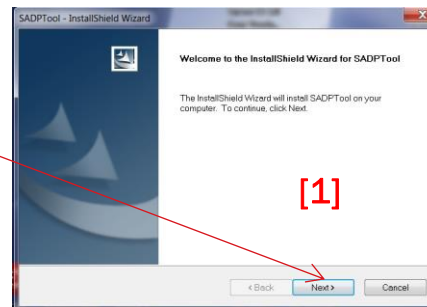
7. The install shield wizard should begin

Look for the SADP Manual within the SADP tool download package

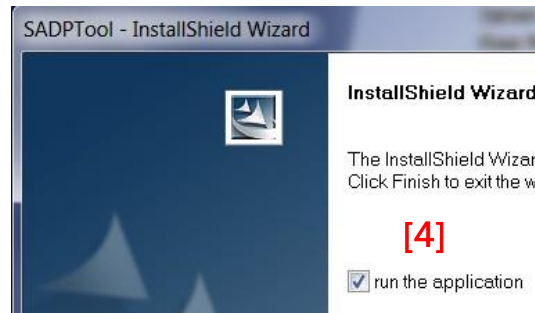
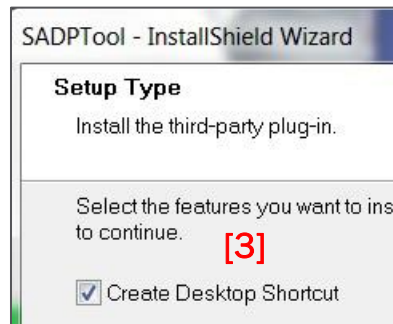


# Running the SADP Installer

- Follow the steps; click “Next”

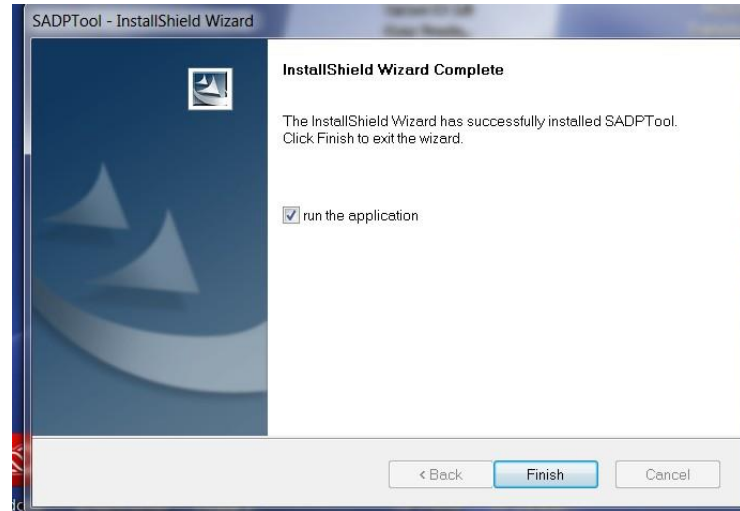


- Then choose all the default settings



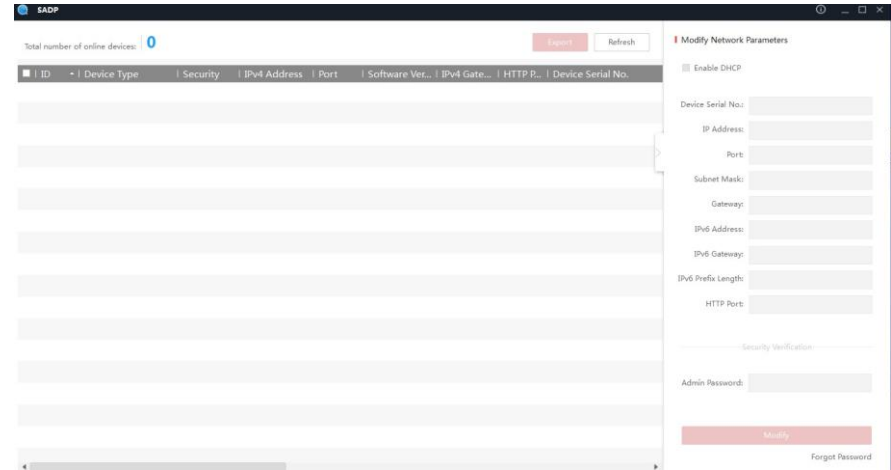
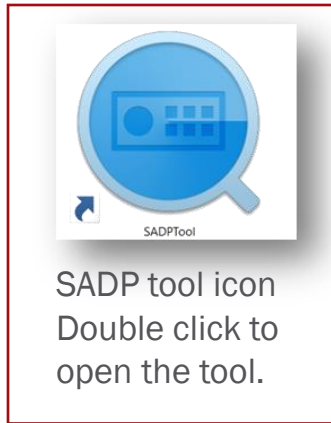
# Completing the Install Process

- Click “Finish
- The SADP tool should open and be ready for use if you checked “ run the application.”



# Opening the SADP tool

- The SADP information screen



# Opening the SADP tool

- The SADP information screen

Click Refresh to update devices listed and their information (otherwise wait up to 45 sec.)

Total number of online devices:

2

Export

Refresh

<input type="checkbox"/>	ID	Device Type	Security	IPv4 Address	Port	Software Version	IPv4 Gateway	HTTP Port	Device Serial No.
<input type="checkbox"/>	001	DS-2CD2332-I	Active	192.168.1.31	8000	V5.3.0build 1508...	192.168.1.10	80	DS-2CD2332-I2015102
<input checked="" type="checkbox"/>	002	DS-2CD2332-I	Active	192.168.1.33	8000	V5.3.0build 1510...	192.168.1.10	80	DS-2CD2332-I2015120

You must check the box on your device of interest to populate the device information pane

Click here to open/close and then change device settings

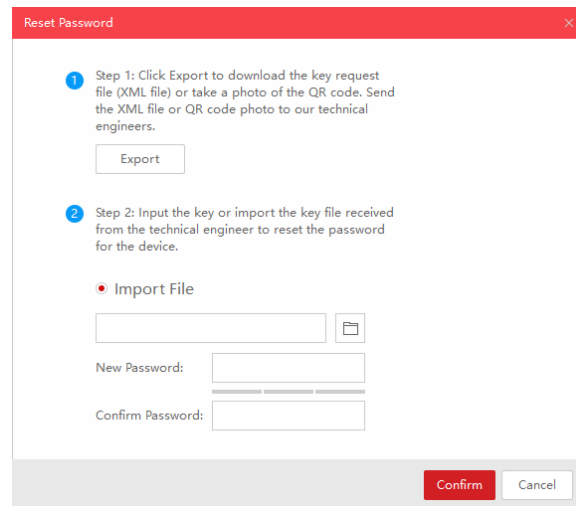


# SADP Can...

- Discover devices on any LAN
- Activate/assign passwords
- Enable DHCP on activated devices
- Assign static IP to activated devices
- Change the http and server ports

# SADP Can...

- SADP supports password reset
  - xml file export and import (for lost password)
- Info exchange with Tech Support
- Send exported XML file to Tech Support
- Receive Import/key xml file back from Tech Support



The screenshot shows a 'Reset Password' dialog box with a red title bar. It contains two numbered steps: Step 1 involves clicking 'Export' to download a key request file (XML) or a QR code photo, which is then sent to technical support. Step 2 involves inputting a key or importing a key file received from technical support to reset the password. Below the steps, there is a radio button for 'Import File' and a file selection field. At the bottom, there are input fields for 'New Password' and 'Confirm Password', and 'Confirm' and 'Cancel' buttons.

Reset Password

- Step 1: Click Export to download the key request file (XML file) or take a photo of the QR code. Send the XML file or QR code photo to our technical engineers.
- Step 2: Input the key or import the key file received from the technical engineer to reset the password for the device.  
 Import File  
   
New Password:   
Confirm Password:

# EXAMPLE - Activating IP Cameras

## Activating IP Cameras | Search Active Device Protocol

Hit refresh until your inactive device appears. *List auto-refereshs every 45 sec.*

The screenshot shows the SADP (Search Active Device Protocol) interface. At the top, it displays 'Total number of online devices: 6'. Below this is a table with columns: ID, Device Type, Security, IPv4 Address, Port, Software Ver..., IPv4 Gate..., HTTP P..., and Device Serial No. The table contains six rows. Row 5 (ID 005) is highlighted in blue and has its 'Security' status set to 'Inactive'. A red arrow points from the 'Refresh' button in the top right to the 'Refresh' button in the table's header area. Another red arrow points from the 'Refresh' button to the 'Inactive' status of row 5. On the right side, there is a panel titled 'Activate the Device' with a lock icon and the text 'The device is not activated.' Below this is a blue button labeled 'Activate Now' and a note: 'You can modify the network parameters after the device activation.' At the bottom of the panel are fields for 'New Password:' and 'Confirm Password:', followed by a red 'Activate' button.

ID	Device Type	Security	IPv4 Address	Port	Software Ver...	IPv4 Gate...	HTTP P...	Device Serial No.
001	DS-7308HQHI-SH	Active	10.0.0.152	8000	V3.1.10build ...	10.0.0.1	80	DS-7308HQHI-SH082014
002	DS-7204HGHI-SH	Active	10.0.0.51	8000	V3.1.10build ...	10.0.0.1	80	DS-7204HGHI-SH042014
003	DS-2CD2132F-IWS	Active	10.0.0.164	8000	V5.3.0build 1...	10.0.0.1	80	DS-2CD2132F-IWS2015
004	DS-2CD2022WD-I	Active	10.0.0.2	8000	V5.3.1build 1...	10.0.0.1	80	DS-2CD2022WD-I2015
005	DS-2CD2142FWD-IS	Inactive	192.168.1.64	8000	V5.3.3build 1...	192.168.1.1	80	DS-2CD2142FWD-IS2015
006	DS-7608NI-E2/8P	Active	10.0.0.20	8000	V3.3.6build 1...	10.0.0.1	8001	DS-7608NI-E2/8P082014

Refresh Button

# Activating IP Cameras

## Activating IP Cameras | Search Active Device Protocol

The select the **inactive** device you want to activate from the “Online Devices” list by clicking on that line.

Total number of online devices: 6

ID	Device Type	Security	IPv4 Address	Port	Software Ver...	IPv4 Gate...	HTTP P...	Device Serial No.
001	DS-7308HQHI-SH	Active	10.0.0.152	8000	V3.1.10build ...	10.0.0.1	80	DS-7308HQHI-SH082014
002	DS-7204HGHI-SH	Active	10.0.0.51	8000	V3.1.10build ...	10.0.0.1	80	DS-7204HGHI-SH042014
003	DS-2CD2132F-IWS	Active	10.0.0.164	8000	V5.3.0build 1...	10.0.0.1	80	DS-2CD2132F-IWS2015
004	DS-2CD2022WD-I	Active	10.0.0.2	8000	V5.3.1build 1...	10.0.0.1	80	DS-2CD2022WD-I2015
005	DS-2CD2142FWD-IS	Inactive	192.168.1.64	8000	V5.3.3build 1...	192.168.1.1	80	DS-2CD2142FWD-IS2015
006	DS-7608NI-E2/8P	Active	10.0.0.20	8000	V3.3.6build 1...	10.0.0.1	8001	DS-7608NI-E2/8P082014

Modify Network Parameters

Enable DHCP

Device Serial No.:

IP Address:

Port:

Subnet Mask:

Gateway:

IPv6 Address:

IPv6 Gateway:

IPv6 Prefix Length:

HTTP Port:

Security Verification:

Admin Password:

Modify

Forgot Password

# Activating IP Cameras

## Activating IP Cameras | Search Active Device Protocol

Set the New Password at the “Device Activation” field.

Make sure you select a Strong Password that contains at least 3 kinds of characters.



The screenshot shows a web form titled "Activate Now". It contains two input fields: "New Password:" and "Confirm Password:". The "New Password:" field has a cursor and the letter "I" entered. Below the fields is a red button labeled "Activate".

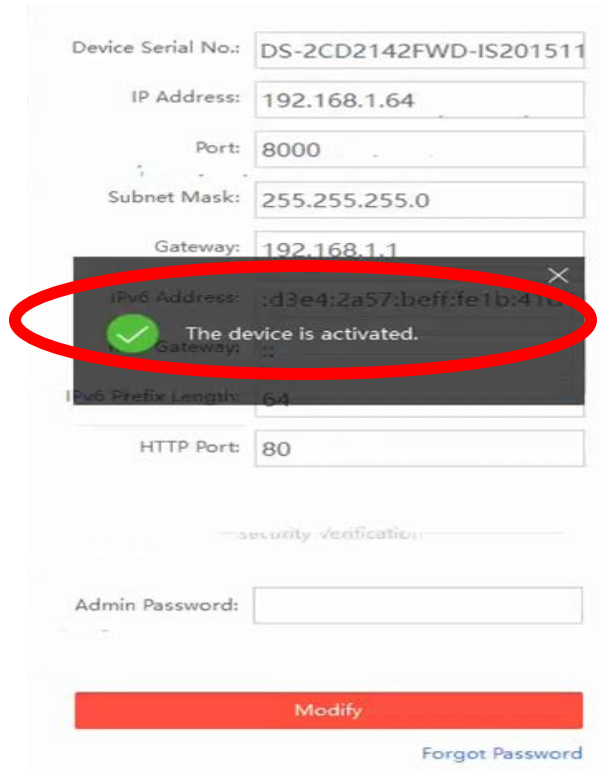
Confirm the New Password by Entering it Again.

# Activating IP Cameras

## Activating IP Cameras

Confirmation will appear when device is successfully activated.

Hint: If you get an unexpected result, try closing SADP and reopening it



The screenshot displays the SADP (Smart Audio Device Protocol) configuration page. The form includes fields for Device Serial No., IP Address, Port, Subnet Mask, Gateway, IPv6 Address, IPv6 Prefix Length, and HTTP Port. A red oval highlights a dark grey notification box with a green checkmark icon and the text "The device is activated." Below the notification, there is a "Modify" button and a "Forgot Password" link.

Device Serial No.:	DS-2CD2142FWD-IS201511
IP Address:	192.168.1.64
Port:	8000
Subnet Mask:	255.255.255.0
Gateway:	192.168.1.1
IPv6 Address:	::d3e4:2a57:beff:fe1b:41...
IPv6 Prefix Length:	64
HTTP Port:	80

—security verification—

Admin Password:

[Modify](#) [Forgot Password](#)