

# NSW

## User Manual

Manual Version: V1.00

## About This Manual

Thank you for your purchase. If you have any questions, please do not hesitate to contact your dealer.

### Copyright Statement

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### Usage Instructions

- Our company reserves the right to change any information in this manual without any prior notice or indication. Due to such reasons as product version upgrade or regulatory requirement of relevant regions, this manual will be periodically updated.
- The product described in this manual is provided on an "as is" basis. Unless required by applicable law, this manual is only for informational purpose, and all statements, information, and recommendations in this manual are presented without warranty of any kind, expressed or implied, including, but not limited to, merchantability, satisfaction with quality, fitness for a particular purpose, and noninfringement.
- Users must assume total responsibility and all risks for connecting the product to the Internet, including, but not limited to, network attack, hacking, and virus. Our company strongly recommends that users take all necessary measures to enhance the protection of network, device, data and personal information. Our company disclaims any liability related thereto but will readily provide necessary security related support.

### Document Conventions

- The graphics, tables or photos in this manual are only for illustrative purpose. The actual product may be different.
- The mouse operations described in this manual are right-handed operations.
- This manual is a guide for multiple product models instead of for a specific product, and certain contents in this manual may not apply to all products.
- Due to uncertainties such as physical environment, discrepancy may exist between the actual values and reference values provided in this manual. In case of any conflicts or disputes, please refer to our final interpretation.
- Please follow the instructions in this manual when you use the product. Using the product under professional guidance is recommended.
- The symbols in the following table may be found in this manual. Carefully follow the instructions indicated by the symbols to avoid hazardous situations and use the product properly.

| Symbol                                                                                       | Description                                                                                               |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|  NOTE!    | Indicates useful or supplemental information about the use of product.                                    |
|  CAUTION! | Indicates a situation which, if not avoided, could result in damage, data loss or malfunction to product. |
|  WARNING! | Indicates a hazardous situation which, if not avoided, could result in bodily injury or death.            |

# Contents

|                           |   |
|---------------------------|---|
| About This Manual .....   | i |
| 1 Network Topology .....  | 1 |
| 2 Device Management ..... | 2 |
| 3 Alarm Management .....  | 3 |
| 4 Language .....          | 4 |
| 5 Configuration .....     | 4 |
| 6 About .....             | 4 |

# 1 Network Topology

View device resources connected to the NSW in the topology to perceive device status and make timely adjustments.

Network topology is automatically generated based on the device management list, mainly displaying the hierarchical relationships between devices, device information, link transmission status, alarm information, etc.



- Device Type: Only NSWs and security devices connected to NSWs via the ONVIF protocol such as cameras, NVRs, and our company's NSWs can be displayed in the topology.
- Device Information: Device information such as port connection, device type, device icon, device name, and device IP address can be displayed in the topology.
- Link Transmission Status: The link transmission status is indicated by the lines and line colors in the topology.
  - Blue line: The link is smooth.
  - Gray line: The link is disconnected.
- Refresh: Refresh the device status in the topology.
- Redraw: Re-obtain the device list and draw a new topology.
  - No Specified Root Node: Redraw the topology based on the system's default device.
  - Based on Specified Root Node: Redraw the topology based on the specified root node.



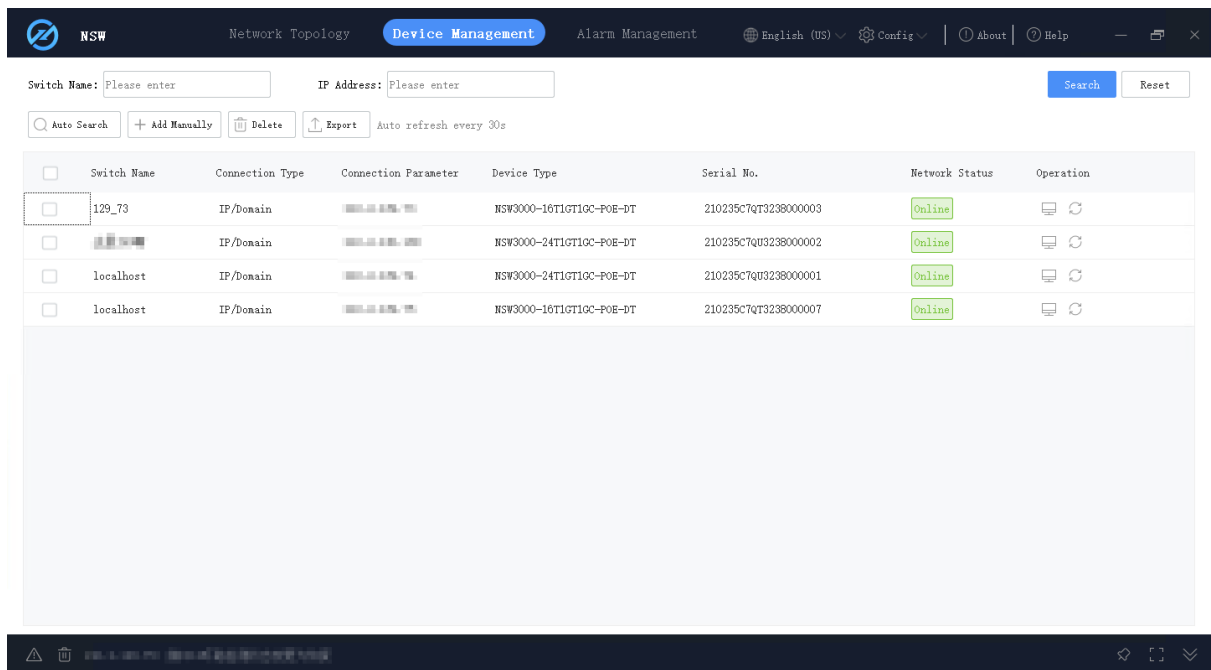
## NOTE!

The newly added devices will only appear in the topology after the topology has been redrawn.

- Export: Export the topology into a PDF format file.
- Search: Enter the IP address, and then click  to quickly locate the device and display it in the center of the topology.
-  : Restore the topology to its original size

-  : Zoom out on the topology.
-  : Zoom in on the topology.
- Device Configuration: Select a NSW and right click on it, and then select **Device Config** to enter the **Device Config** page.
- Set as Root Node: Select a NSW and right click on it, and then select **Set as Root Node** to set it as the root node. You can draw the topology based on the specified root node.

## 2 Device Management



| Switch Name | Connection Type | Connection Parameter | Device Type              | Serial No.           | Network Status | Operation                                                                                                                                                               |
|-------------|-----------------|----------------------|--------------------------|----------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 129_73      | IP/Domain       |                      | NSW3000-16T1GT1GC-POE-DT | 210235C7QT3238000003 | Online         |   |
|             | IP/Domain       |                      | NSW3000-24T1GT1GC-POE-DT | 210235C7QU3238000002 | Online         |   |
| localhost   | IP/Domain       |                      | NSW3000-24T1GT1GC-POE-DT | 210235C7QU3238000001 | Online         |   |
| localhost   | IP/Domain       |                      | NSW3000-16T1GT1GC-POE-DT | 210235C7QT3238000007 | Online         |   |

### Key Operations

Choose a way to add devices.

- Auto Search: Automatically discovers NSWs on the same LAN.
1. Click **Auto Search**.
  2. (Optional) Change the device's network information as needed. Select device(s) to edit, click **Batch Edit** or  in the **Operation** column, and then edit the parameters as needed.



### NOTE!

If you forgot the device password, you can click  to obtain the device SN, device time, and dynamic factor and provide them to our technical support to generate a temporary password, and then use it as the old password to reset the password.

3. Add devices one by one or in batches.
  - Add one by one: Click  for the device in the **Operation** column and configure parameters as needed.

- Add in batches: Select device(s) to add, click **Batch Add**, and then configure parameters as needed.

4. Click **OK**.



#### NOTE!

- You can enter the complete device IP in the search bar next to **IP Address** and click **Search** to search for certain devices.
- You can select device(s) and click **Export** to export the device information to local.

- Add Manually: Manually enter the device IP address to add devices one by one.

1. Click **Manual Add** and configure parameters as needed.
2. Click **OK**.

#### Other Operations

|                                                                                          |                                                                                                          |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Switch Name/IP Address                                                                   | Enter the switch name or IP address in the corresponding search bar to search for certain added devices. |
|  Delete | Delete the added devices one by one or in batches.                                                       |
|  Export | Export the device information of the added devices.                                                      |
|       | Click to enter the <b>Device Config</b> page.                                                            |
|       | Click to refresh the device information in the list.                                                     |

## 3 Alarm Management

Alarm management displays alarm information such as event type, event level, event time, and detailed event descriptions. When an alarm occurs, the alarm information will also be displayed at the bottom of the page. You can hover your mouse over the alarm notification bar to show more alarm details.


NSW
Network Topology
Device Management
Alarm Management
English (US)
Config
About
Help

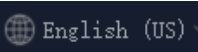
Delete All

Please enter

| No. | Event Source | Event Type                 | Event Level | Event Time          | Description |
|-----|--------------|----------------------------|-------------|---------------------|-------------|
| 1   |              | Port Up                    | Critical    | 1970-01-02 06:04:39 |             |
| 2   |              | Port Down                  | Critical    | 1970-01-02 06:04:37 |             |
| 3   |              | Port Loop Blocking Cleared | Critical    | 1970-01-01 00:36:10 |             |
| 4   |              | Port Loop Blocking         | Critical    | 1970-01-01 00:36:09 |             |
| 5   |              | Port Up                    | Critical    | 1970-01-02 05:43:17 |             |
| 6   |              | Port Down                  | Critical    | 1970-01-02 05:43:15 |             |
| 7   |              | Port Up                    | Critical    | 1970-01-02 05:36:33 |             |
| 8   |              | Port Down                  | Critical    | 1970-01-02 05:36:31 |             |
| 9   |              | Port Up                    | Critical    | 1970-01-02 05:29:46 |             |
| 10  |              | Port Down                  | Critical    | 1970-01-02 05:29:44 |             |
| 11  |              | Port Up                    | Critical    | 1970-01-02 05:21:23 |             |
| 12  |              | Port Down                  | Critical    | 1970-01-02 05:21:19 |             |
| 13  |              | Port Up                    | Critical    | 1970-01-01 00:00:07 |             |
| 14  |              | Port Up                    | Critical    | 1970-01-01 00:00:06 |             |

|  |                                                                                                                                        |
|--|----------------------------------------------------------------------------------------------------------------------------------------|
|  | Click to delete all alarms.                                                                                                            |
|  | Click to redirect to the <b>Alarm Management</b> tab.                                                                                  |
|  | Click to show or hide alarm details.                                                                                                   |
|  | Click to lock or unlock the alarm details window. If locked, the alarm details window will not disappear even the mouse is moved away. |

## 4 Language

Click  to change the device language.

## 5 Configuration

Click  to import/export configuration.

- Import Configuration: Import a ZIP format file from local.
- Export Configuration: Export the configuration with encryption.

## 6 About

Click  to view the client's version number.