

Ethernet Switch

User Manual

Manual Version: V1.05

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

- Uniview 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. Uniview strongly recommends that users take all necessary measures to enhance the protection of network, device, data and personal information. Uniview 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.

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1 Login

Open a web browser and enter `http://ip` in the address bar to access the login page. Choose your preferred language. Enter the default username (admin) and password (123456), and then click **Login**.



NOTE!

For the first-time login, please follow the on-screen instructions to change the initial password and bind an email address in case you need to reset the password.

2 Forgot Password

- Method 1: Reset password via UNV-Link Pro app

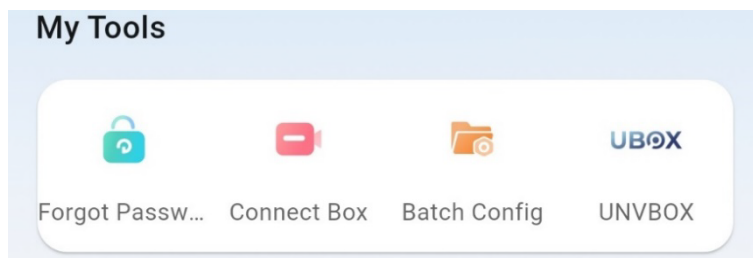
(1) On the switch's login page, click **Forgot Password**. The system will generate a QR code containing the device information.



NOTE!

The QR code can be generated no matter the device is online or offline.

(2) Open the UNV-Link Pro app, tap **Forgot Password** on the home screen, and then scan the generated QR code.



(3) The app will recognize the device information and send a security code to the set email address.



NOTE!

If you didn't receive the email, please verify the set email address or check the signal strength.

(4) Enter the received security code in the **Retrieve Password** window on the switch's webpage, and then click **OK**.

(5) Once verified, you can set a new password.

4 Device Status

The screenshot displays the 'Device Status' page. At the top, there's a navigation bar with 'Home', 'Device Status', 'Switch Config', 'QoS', 'POE', and 'System'. The 'Device Status' section includes a 'Device Panel Status' header with tabs for 'Electrical Port' and 'Optical Port'. Below this is a grid of 24 ports, each with a status icon. Port 6 is green, indicating it is up. To the right of the grid, there's a 'Basic Info' section with device details like name, model, serial number, IP address, and MAC address. To the right of 'Basic Info' is a 'Port Info' table showing connected devices and their IP addresses. The 'Device Utilization' section shows RAM usage at 19% and CPU usage at 15%.

- Device panel status:

Red	Port loop is blocked.
Green	Port is up.
Gray	Port is down.

The real-time port status is displayed in a scrolling manner at the top of the page. Click  to view the real-time alarm list.



NOTE!

- Alarms are categorized as minor, warning, major, and critical. Only major alarms will be displayed in the real-time alarm list.
- When you log out, all real-time alarm information will be cleared.

- Port list description:

Multiple security devices are connected to the same physical port: The switch connected to the port is not our company's switch. Security devices connected to the switch via the ONVIF protocol will be displayed.

Multiple switches are connected to the same physical port: The current switch is connected to an unknown switch together with other switches.

5 Switch Configuration

- Traffic Statistics: Displays traffic statistics of ports.
- Port Loop Prevention: Enable/disable port loop detection for each port.

- Port: Enable/disable ports, port isolation, extension mode, and flow control; set port speed and duplex mode.
- Port Mirroring: Click **Add** and configure parameters as needed.



NOTE!

- Only one port mirroring is allowed.
- For Gigabit models, only configuration of downlink ports is supported.

- MAC Address: Displays the obtained MAC address information. You may clear the dynamic MAC address as needed.
- VLAN: Click **Add** to create a VLAN ID.
- Port VLAN: Make sure you have created a VLAN ID. Click  in the **Operation** column for the port or select port(s) and click **Batch Config**, select the VLAN type, and configure other parameters as needed.
- Link Aggregation: Click **Add**, and select two ports for aggregation.



NOTE!

- 100 Mbps models and Gigabit PoE models support only 1 link aggregation of two uplink ports.
- Gigabit standard models support up to 8 link aggregations. However, the aggregation of one uplink port and one downlink port is not supported.

6 QoS

- Port Speed Limit:

Click  in the **Operation** column for the port or select port(s) and click **Batch Config**, and then configure parameters as needed.



NOTE!

Ports with different bandwidths cannot be configured at the same time. For example, a 100Mbps port cannot be configured with a 1000Mbps port simultaneously.

- Port Storm Control:

Select a type, click , and then configure parameters as needed.

7 PoE

Enable or disable PoE power supply.

Click  in the **Operation** column for the port or select port(s) and click **Batch Config**, and then configure parameters as needed.



NOTE!

This function is available to Gigabit PoE models.

8 System

- Network: Set IP address, DHCP, and DNS parameters.
- Device Maintenance: Upgrade device; restore defaults; import/export configuration; export logs; restart device.
- Security: Unlock devices that have been locked due to multiple failed connections.
- Neighbor Node Info: Displays information about other switches that are on the same LAN as the current switch.
- Monitoring Node Info: Displays information about security devices connected to the switch via the ONVIF protocol.
- (Optional) Cloud Service: Enable/disable/log out of the cloud service. When enabled, you can perform operations such as project management, device configuration, and view port information on the mobile app.
- Telnet: Enable/disable Telnet.