

# **HUAWEI**

## **Quidway S5600 Series Ethernet Switches Installation Manual**

### **VRP3.10**

# Quidway S5600 Series Ethernet Switches

## Installation Manual

|                        |                           |
|------------------------|---------------------------|
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# About This Manual

## Release Notes

This manual applies to VRP3.10.

## Related Manuals

The related manuals are listed in the following table.

| Manual  | Content   |
|---|---|
| Quidway S5600 Series Ethernet Switches Operation Manual | It provides information of getting started, port, VLAN, network protocol, routing protocol, multicast protocol, QoS/ACL, IRF Fabric, MSTP, security, system management, HWPing and PoE. |
| Quidway S5600 Series Ethernet Switches Command Manual   | It provides the command of getting started, port, VLAN, network protocol, routing protocol, multicast protocol, QoS/ACL, IRF Fabric, MSTP, security, system management, HWPing and PoE. |

## Organization

There are seven chapters in the manual.

**Chapter 1 Product Overview** gives a brief introduction to S5600 Series Ethernet Switches.

**Chapter 2 Preparing for Installation** introduces such topics as the precautions and the environmental requirements of S5600 Series Ethernet Switches, the instructions for the installation, the installation tools and so on.

**Chapter 3 Installing the Switch** introduces the installation of the S5600 Series Ethernet Switches, module installation, connections of the power cable, ground wire and the console cable.

**Chapter 4 Starting up the Switch at the Initial Boot** introduces the booting process of S5600 Series Ethernet Switches, including the power-on booting of the switch and the system initialization.

**Chapter 5 Loading Boot ROM and Host Software** introduces how to load BootROM and host software for S5600 Series Ethernet Switches.

**Chapter 6 Maintenance and Troubleshooting** introduces the problems that might occur during the installation and the booting of S5600 Series Ethernet Switches and the related solution.

**Appendix A Lightning Protection of the Switch** introduces lightning arrester for AC power and lightning arrester for network port.

## Intended Audience

The manual is intended for the following readers:

- Network engineers
- Network administrators
- Customers who are familiar with network fundamentals

## Conventions

The manual uses the following conventions:

### I. General conventions

| Convention      | Description                         |
|-----------------|-------------------------------------|
| Arial           | Normal paragraphs are in Arial.     |
| <b>Boldface</b> | Headings are in <b>Boldface</b> .   |
| Courier New     | Terminal Display is in Courier New. |

### II. Command conventions

| Convention      | Description  |
|-----------------|--|
| <b>Boldface</b> | The keywords of a command line are in <b>Boldface</b> .  |
| <i>italic</i>   | Command arguments are in <i>italic</i> .   |
| [ ]             | Items (keywords or arguments) in square brackets [ ] are optional.   |
| { x   y   ... } | Alternative items are grouped in braces and separated by vertical bars. One is selected.                           |
| [ x   y   ... ] | Optional alternative items are grouped in square brackets and separated by vertical bars. One or none is selected. |

| Convention        | Description   |
|-------------------|---|
| { x   y   ... } * | Alternative items are grouped in braces and separated by vertical bars. A minimum of one or a maximum of all can be selected. |
| [ x   y   ... ] * | Optional alternative items are grouped in square brackets and separated by vertical bars. Many or none can be selected.       |
| #                 | A line starting with the # sign is comments.  |

### III. GUI conventions

| Convention | Description   |
|------------|---|
| < >        | Button names are inside angle brackets. For example, click the <OK> button.   |
| [ ]        | Window names, menu items, data table and field names are inside square brackets. For example, pop up the [New User] window. |
| /          | Multi-level menus are separated by forward slashes. For example, [File/Create/Folder].                                      |

### IV. Keyboard operation

| Format       | Description   |
|--------------|---|
| <Key>        | Press the key with the key name inside angle brackets. For example, <Enter>, <Tab>, <Backspace>, or <A>.    |
| <Key1+Key2>  | Press the keys concurrently. For example, <Ctrl+Alt+A> means the three keys should be pressed concurrently. |
| <Key1, Key2> | Press the keys in turn. For example, <Alt, A> means the two keys should be pressed in turn.                 |

## V. Mouse operation

| Action       | Description   |
|--------------|---|
| Select       | Press and hold the primary mouse button (left mouse button by default).                   |
| Click        | Select and release the primary mouse button without moving the pointer.                   |
| Double-Click | Press the primary mouse button twice continuously and quickly without moving the pointer. |
| Drag         | Press and hold the primary mouse button and move the pointer to a certain position.       |

## VI. Symbols

Eye-catching symbols are also used in the manual to highlight the points worthy of special attention during the operation. They are defined as follows:



**Caution, Warning, Danger:** Means reader be extremely careful during the operation.



**Note, Comment, Tip, Knowhow, Thought:** Means a complementary description.

## Environmental Protection

This product has been designed to comply with the requirements on environmental protection. For the proper storage, use and disposal of this product, national laws and regulations must be observed.