Configuration Manual

RG4100+ Gateway

Date: February 2020

Doc Version:1.0

English

Thank you for choosing our product. Please read the instructions carefully before operation. Follow these instructions to ensure that the product is functioning properly. The images shown in this manual are for illustrative purposes only.

For further details, please visit our Company's website www.zkteco.com.

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1. Introduction

The document describes in detail about the Gateway configuration procedures of RG4100+. The comprehensive steps are given below.

2. Initializing Gateway

Perform the following steps to initialize the Gateway.

1. Connect the power cable to the Gateway.
2. Press the Reset button at the backside of the Gateway with a needle and hold for 5 seconds. Once the button is released, the Gateway LED blinks and restarts automatically. The Gateway will be initialized to the factory settings.

3. LAN and WAN connection

Perform the following steps for LAN and WAN connectivity.

1. Use a Network Cable to connect the PC to the LAN port of the Gateway, and in turn, the LAN LED blinks on the Gateway.
2. Connect the WAN port of the Gateway to the router, and in turn, the WAN LED blinks on the Gateway.

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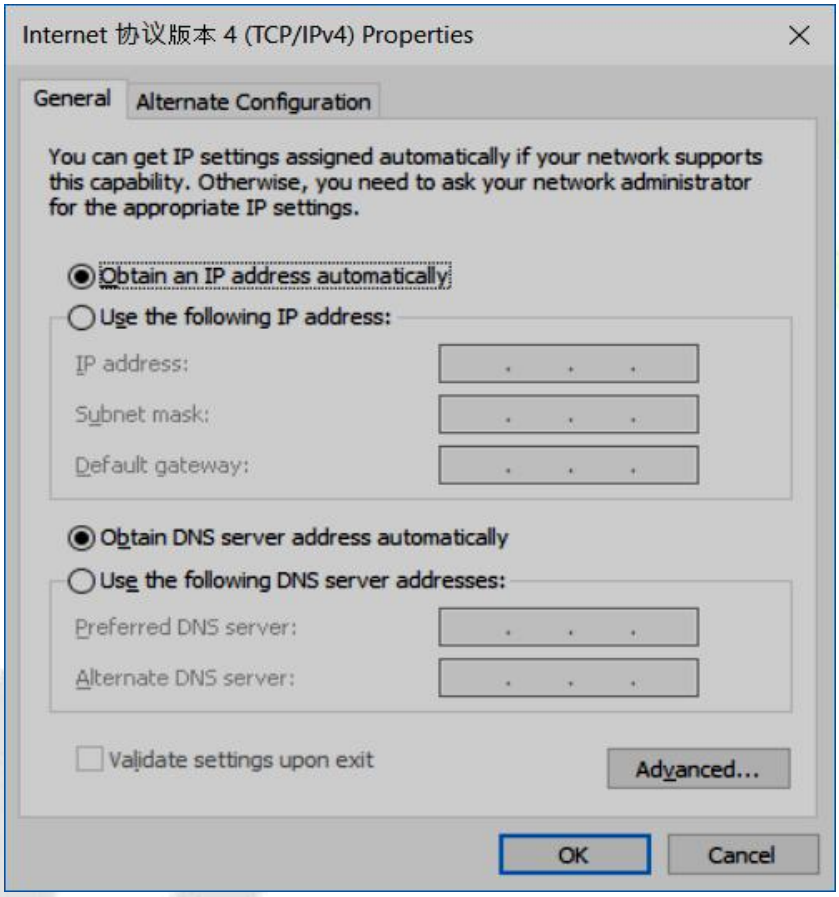
4. PC Network Configuration

1. Go to **Control Panel > Network and Internet Settings > Network and Sharing Center**; then on the **Change adapter** settings, right-click **Ethernet** and select **Properties**.

2. On the **Network** tab, select **Internet Protocol Version 4 (TCP/IPv4)** > **Properties**; then on the **General** tab, click **Obtain an IP address automatically** and click **OK** to configure your PC.



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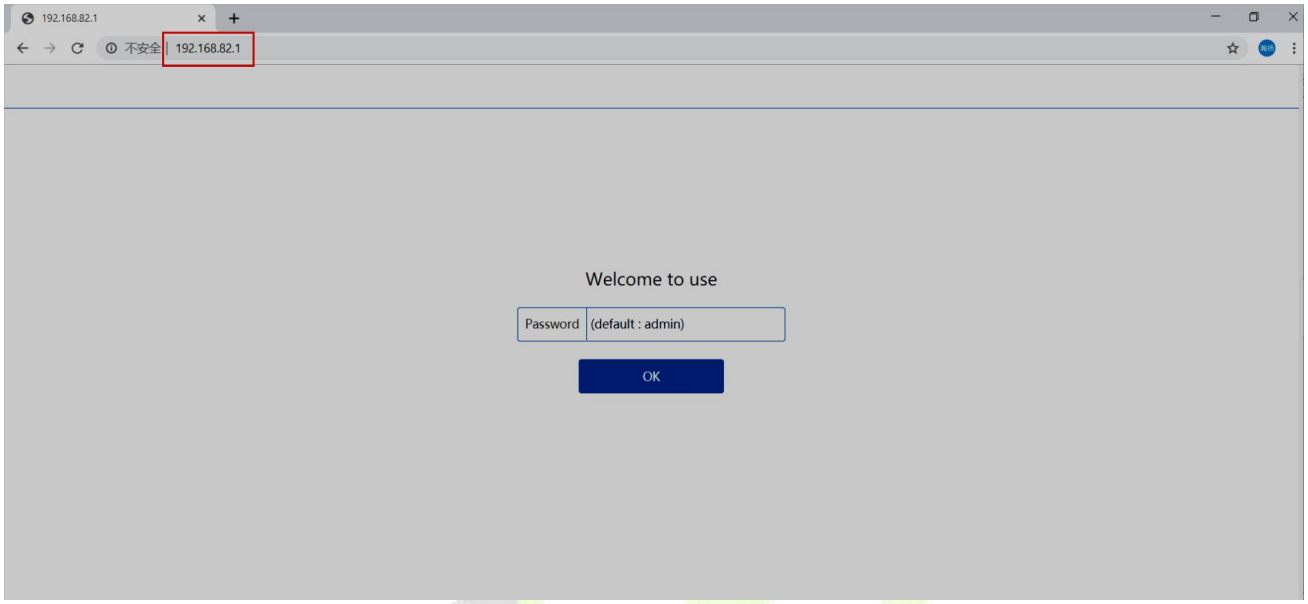
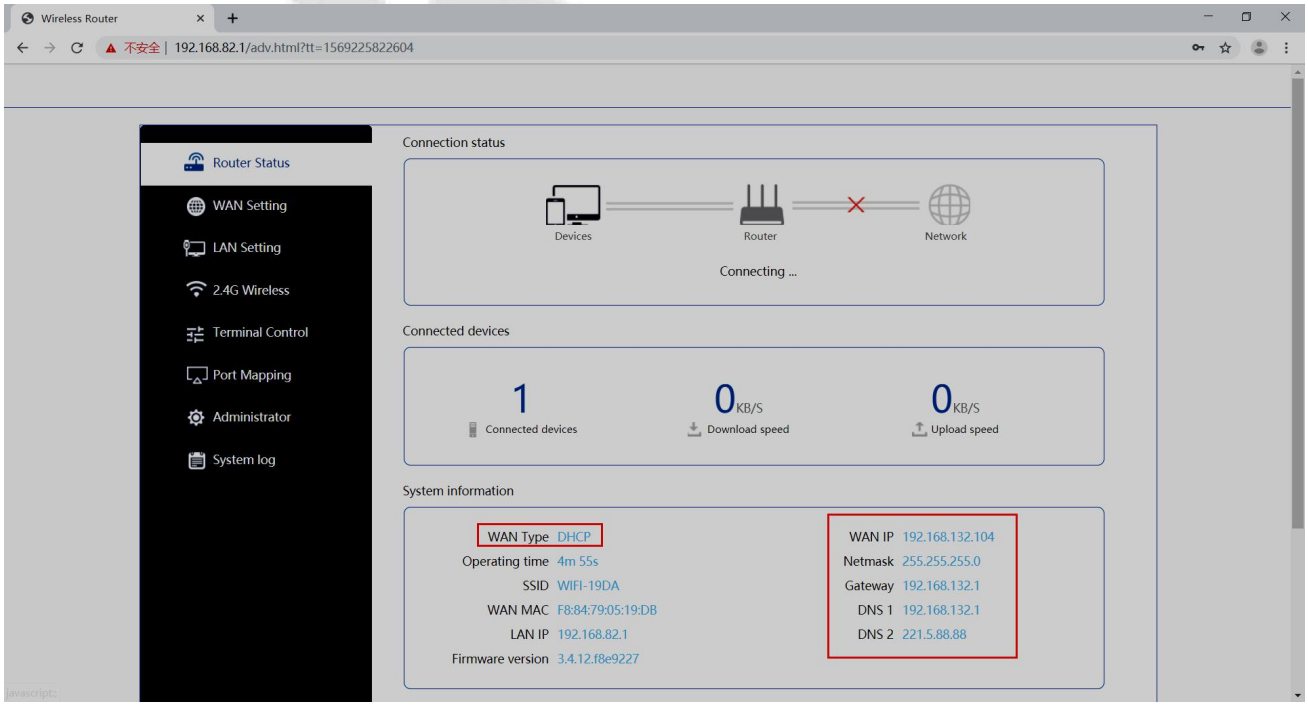
5. Gateway Login

1. Open the **Web Browser**, and on the **Address Bar**, enter the Default Gateway IP Address **192.168.82.1** to open the **Gateway Login Page** and enter the default login password **admin.**



2. After login, the **Router Status** Interface gets displayed as shown below. The System fetches the DHCP information automatically and obtains the WAN IP address (e.g. 192.168.132.104).



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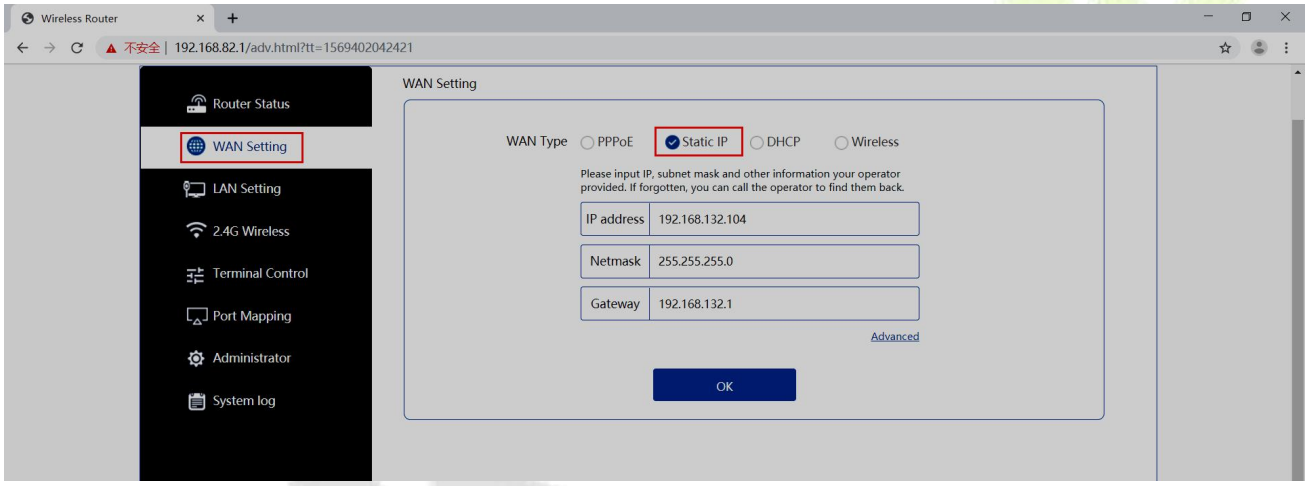
6. WAN Settings

1. On the **WAN Setting** Interface, click **Static IP** for a stable connection, and then on the **IP address, Netmask and Gateway** fields enter the WAN IP, Netmask, and the Gateway address details provided under **System information** on the **Router Status** Interface, to access the internet.
2. After entering the details, click **OK** to save, where the Gateway will restart automatically and updates the WAN IP configuration successfully.

Note: DHCP and Wireless options are not recommended to be selected as WAN Type.



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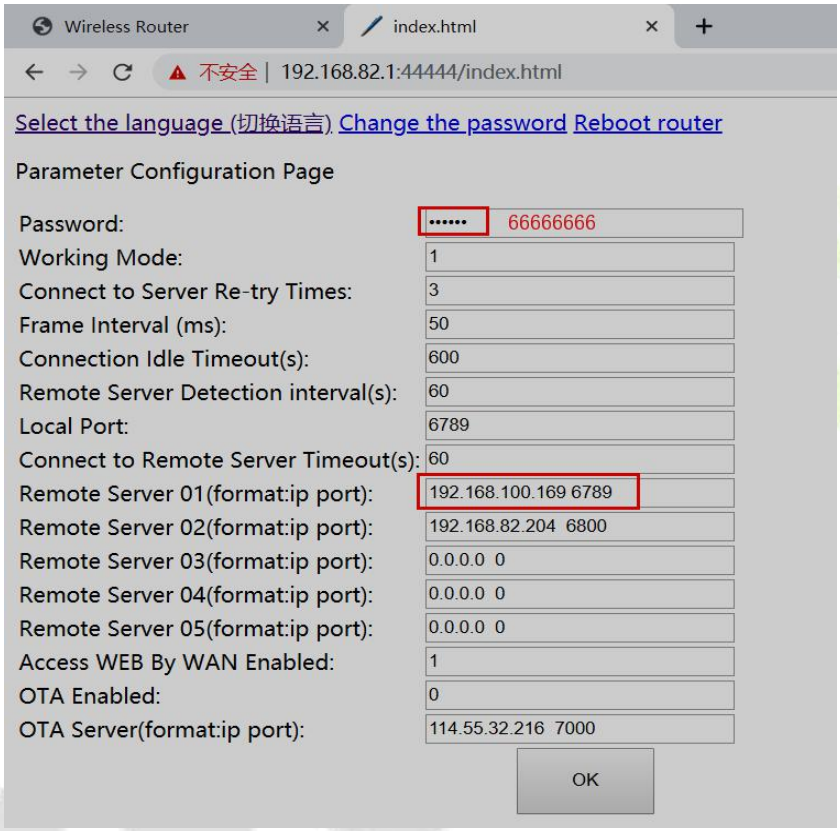
7. Server Configuration

1. On the **Web Browser**, enter the default LAN IP address with the port number **44444** (e.g., 192.168.82.1:44444), and it displays the **Server Configuration Page** as shown below:



2. On the **Remote Server 01** field, enter your **ZKBiosecurity Server IP** address with the port number **6789** (e.g., 192.168.100.169 6789); then on the **Password** field, enter the default password **66666666**, and then click **OK**.
3. **Manually restart** the Gateway to save the configuration, and now you can move the Network Cable away from the LAN port and connect your PC with the router again.

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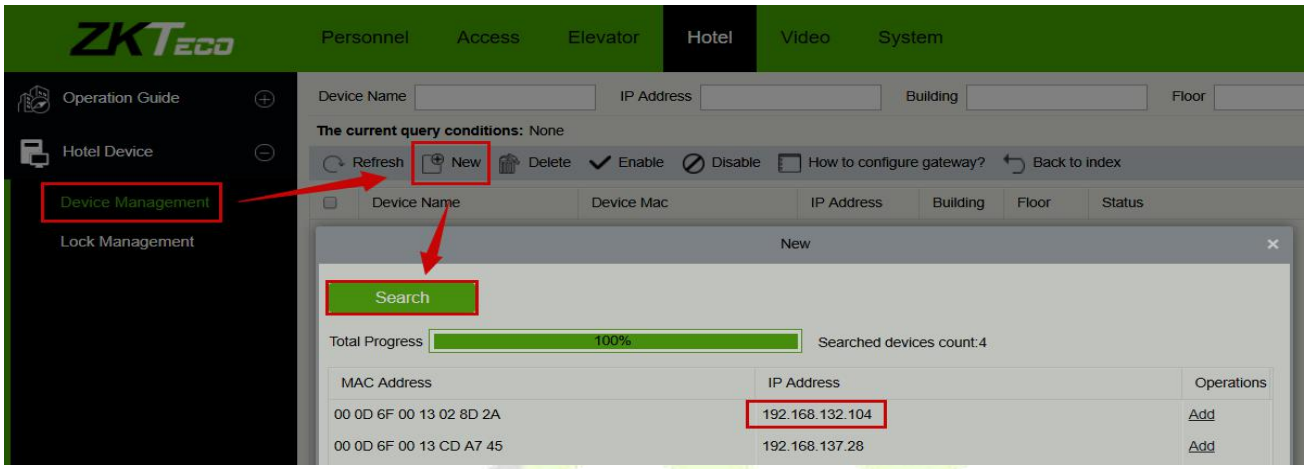
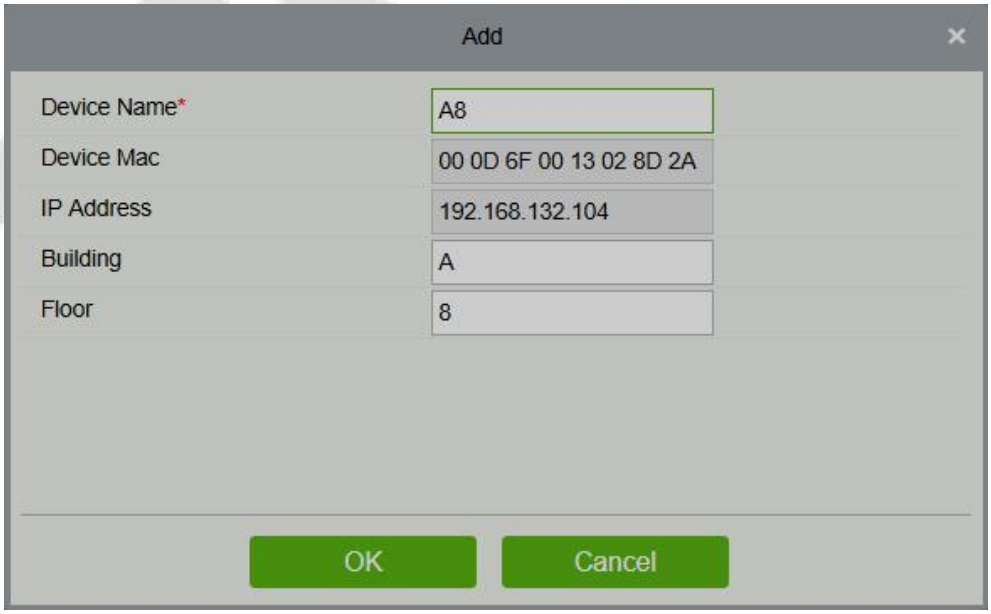
8. Interface Settings

1. Login to **ZKBiosecurity**, and on the **Hotel** module, click **Hotel Device > Device Management**.
2. On the **Device Management** Interface, click **New**, and then click **Search**. The corresponding Gateway will be displayed as shown below:



3. On the **Operations** column, click **Add** to add the Gateway in the software, then on the **Add** interface, enter the **Device Name**, **Building name**, and **Floor number** details, and click **OK** to save.



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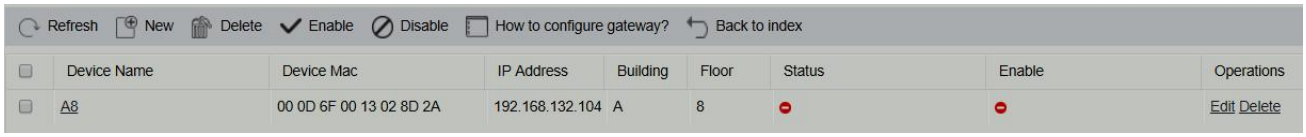
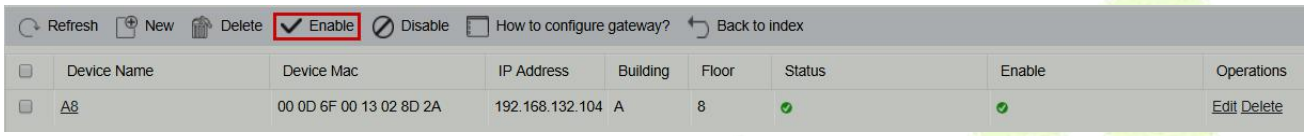
4. The newly added Gateway information will be displayed on the list as shown below.



5. Now select the Gateway from the list and click **Enable**, where the **Status** and the **Enable** column will turn to the green state, which means the Gateway is **active/online** mode and will take 1 hour to accept the ZigBee connection from locks so that you can swipe the Net-in card on the locks.



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