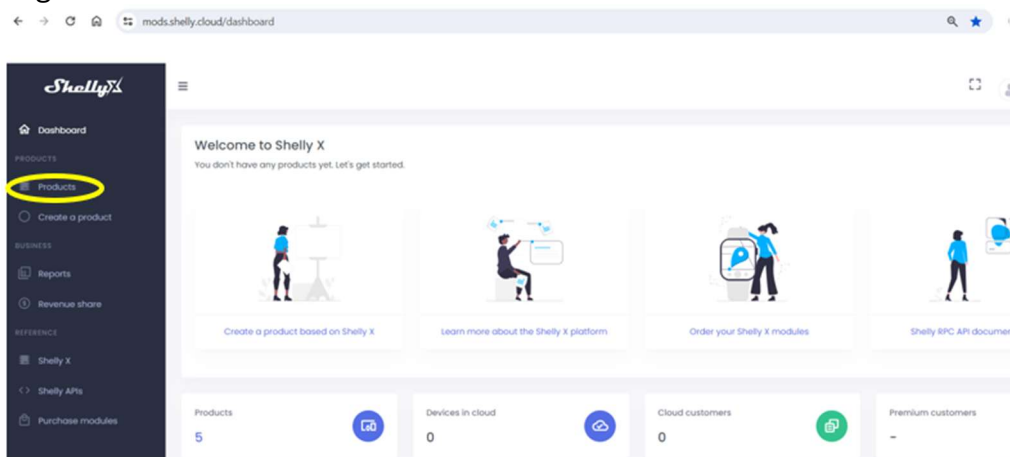
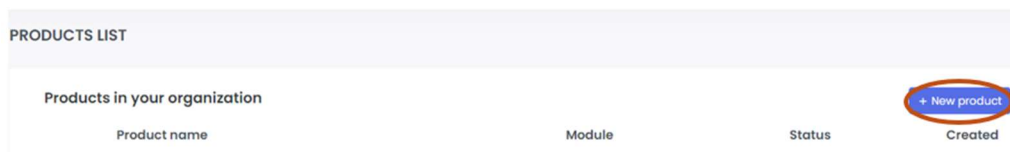


1. Shelly X Portal

- Visit Shelly X portal to create your Shelly X product configuration (registration required)
<https://mods.shelly.cloud/account/login/?next=/dashboard>
- Log-in and click on “Products” menu item



If you're new to Shelly X Portal your product list is empty. Click on “New product”.



“Create new product page will show. Please fill in the required data and click OK when ready. For reference, please use the example bellow.

The screenshot shows a 'Create new product' form. Callouts include: 'Your device name. Up to 18 characters. Will appear as device name in app UI' pointing to the 'Product name' field (containing 'Demo Product 1'); 'Does not appear in device UI' pointing to the 'Description' field (containing '4-Channel 16A Relay'); and 'Select the device type you're building. If your purpose is evaluation, select Generic.' pointing to the 'Product type' section, which has radio buttons for 'Home appliance', 'Heating & cooling', 'Sensor automation', 'Simple lighting', and 'Generic smart device' (selected).

The newly created product will appear in the product list. Any product configuration you create will be listed in the Product list table and will be available for further editing and modifications. Click on the product you created to start configuration.

Configuration screen section 1

The screenshot shows the 'Configure product' screen. Callouts include: 'Your device name. Up to 18 characters. Will appear as in device SSID and BLE advertisement message' pointing to the 'Device name' field (containing 'Demo Product 1'); 'Set the number of control inputs you need and assigns to IO' pointing to the 'Number of inputs' field (containing '1') and the 'Number of outputs' field (containing '2'); and 'Set the number of control inputs you need' pointing to the 'Pin' column in the hardware table. The hardware table shows pins 0-7 with functions: 0 (Input), 1 (-), 2 (-), 3 (-), 4 (-), 5 (-), 6 (Output), 7 (Output). A 'Shelly X SM DevKit' board image is shown with pins 0, 6, and 7 circled in blue.

Configuration screen section 2

The screenshot shows the configuration screen for the Shelly X SM. It includes sections for 'Board indication type', 'Connectivity', 'MQTT Server', 'Outbound websocket server', and 'Development'. Callouts provide additional information:

- Board indication type:** A callout box on the left states: "DB2024R_XSM is equipped with monochrome LEDs". The dropdown menu is set to "Simple LED".
- Development:** A callout box on the left states: "Development WebSocket feature is not operational yet." The "Enable development websocket" checkbox is checked.
- Outbound websocket server:** A callout box on the right states: "Optionally you can set Access Point, where your device should connect after the configuration is applied. You can skip this step and set WiFi network later." The field contains a URL: "wss://mods.shelly.cloud/ws/dev/XGADnb_pV4uXcVihY-EM5tPjXTD8ITWbj".
- Pre-configuring WiFi:** A yellow callout box explains: "Pre-configuring WiFi is ONLY intended to speed up your development & testing process. When the configuration is applied, your device will connect to this WiFi automatically, and you will be able to access it much easier. Please make sure that you're using non-critical WiFi credentials, as the password will be saved in the configuration token and on our servers as clear text." Below this, the "Development WiFi SSID" field is set to "SX" and the "Development WiFi password" field is empty.

Once ready, press "Save changes"

2. Shelly embedded WEB interface

To make sure, that the device configuration is applied correctly, we'll open the embedded WEB UI.

Use your PC wireless connection manager to connect to the device wireless network (the device will act as a WiFi Access Point, your computer as a WiFi Client.). Please look for a wireless network, where the SSID is starting with "Device prefix" previously entered in the Portal and connect to it. By default the network is open. Supported band is 2.4GHz.

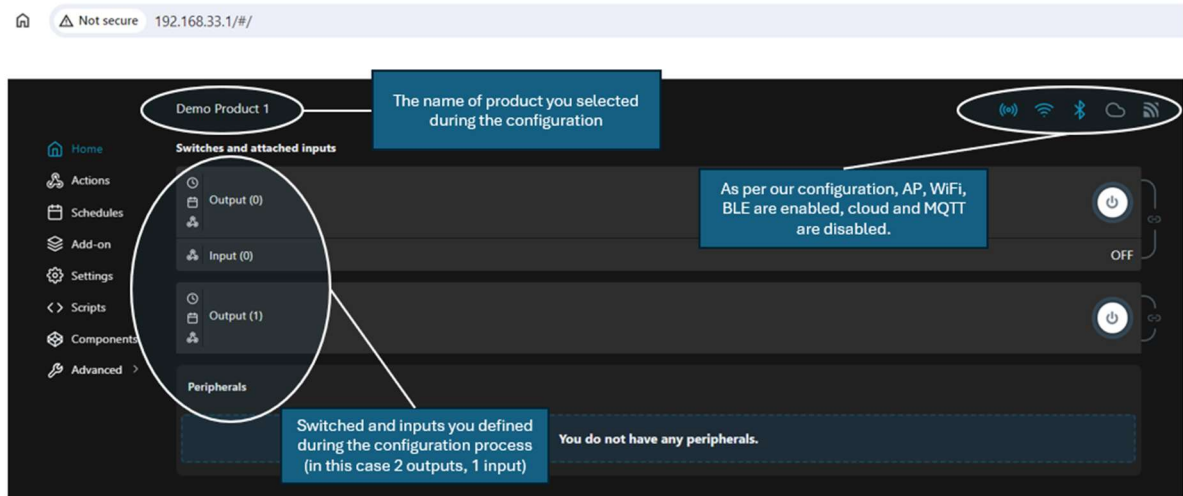
The image shows two screenshots. The left one is a configuration screen for the device name and prefix. The right one is a mobile device's Wi-Fi settings screen.

Device Configuration: The "Device name" field is "Demo Product 1" and the "Device prefix" field is "DEMO". A callout box on the left states: "Your device name. Up to 18 characters. Will appear as in device SSID and BLE advertisement message".

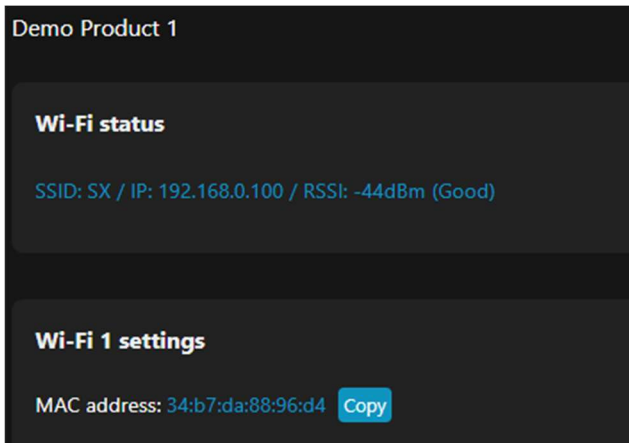
Wi-Fi Settings: The Wi-Fi toggle is turned on. A network named "DEMO-34B7DA8896D4" is listed with the status "No internet, open". A "Disconnect" button is visible at the bottom.

Once connected, please open your WEB browser and type 192.168.33.1 in the address bar. By default the embedded WEB UI is not password protected. A password can be set from the WEB UI menu.

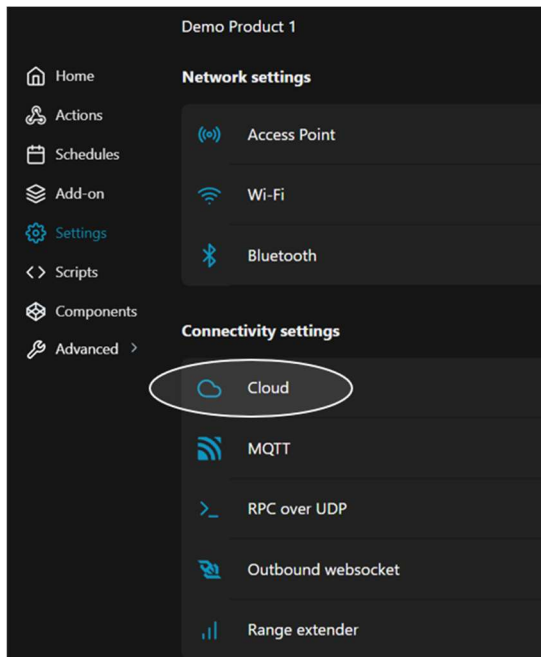
The WEB UI homepage should appear in the browser window.



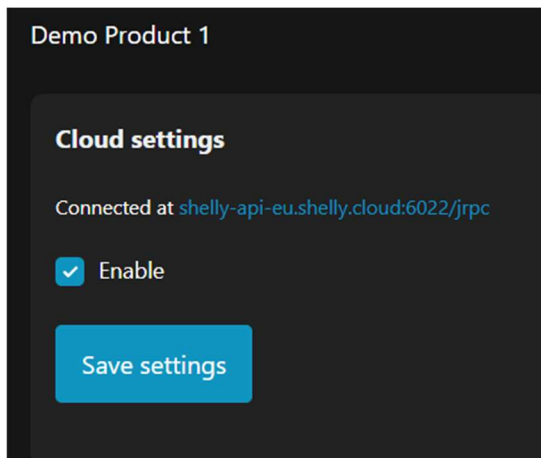
To make sure that your device is connected to the wireless network you set during the configuration phase, click on “Settings” in the left menu and select Wi-Fi. You should see network SSID, device IP address, RSSI level, device MAC address.



To enable connection to Shelly Cloud, please go to “Settings” menu and click on “Cloud” in “connectivity settings”.



To enable cloud connection, click the enable checkbox.



3. Shelly Smart Control App

Your device is now ready to be added in Shelly Smart Control App. Please download and install Shelly Smart Control and follow the instructions in “Shelly Smart Control Guide”!

Google Play

<https://play.google.com/store/apps/details?id=cloud.shelly.smartcontrol&hl=en&gl=US>

App Store:

<https://apps.apple.com/pl/app/shelly-smart-control/id1660045967>

<https://kb.shelly.cloud/knowledge-base/shelly-smart-control-guide>