



Series 62-IP Developer Guide

Beginner's Guide to Postman and the Rest API

Pair device without app

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1. Download Postman. <https://www.postman.com/downloads/>
2. Install Postman.
3. Start Postman.
4. <http://eltako.com/redirect/api-series-62-ip> open link
5. Click on "Run in Postman" (top right, see screenshot)

SERIES 62-IP API

Introduction

The SERIES 62-IP combines the latest switching and control technology with innovative connectivity and functionality. This is the SERIES 62-IP REST API documentation that demonstrates how SERIES 62-IP products can be used / configured via HTTP requests. The documentation is split up in two major sections.

The [API reference section](#) includes all endpoints that are specified for the SERIES 62-IP rest api.

The [Workflows section](#) contains collections of requests to perform product specific use case operations.

All responses returned from the SERIES 62-IP are in the [JSON](#) format.

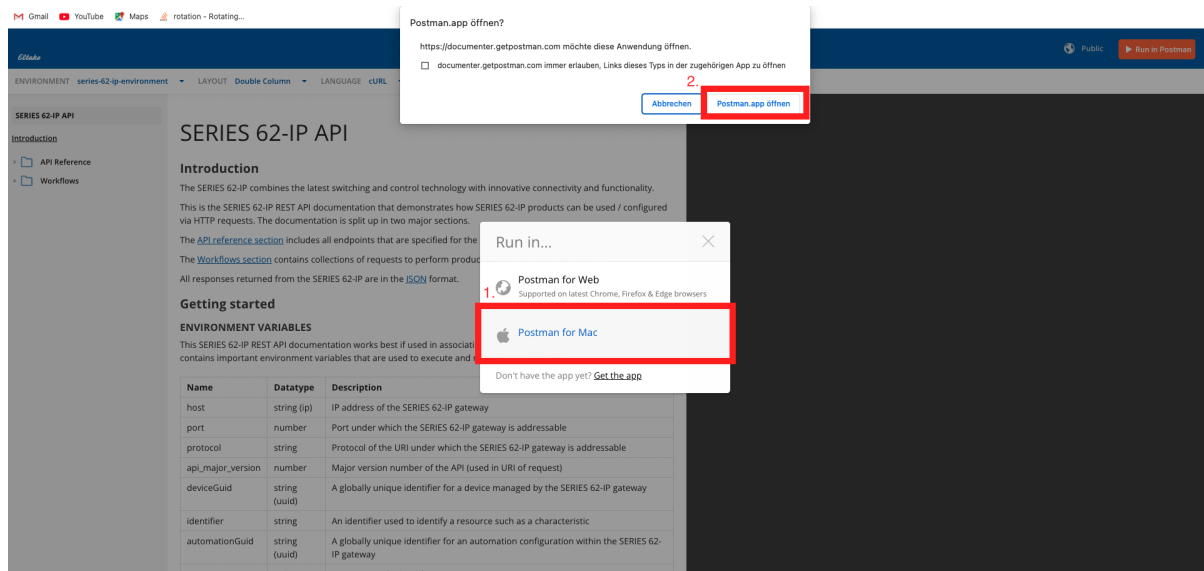
Getting started

ENVIRONMENT VARIABLES

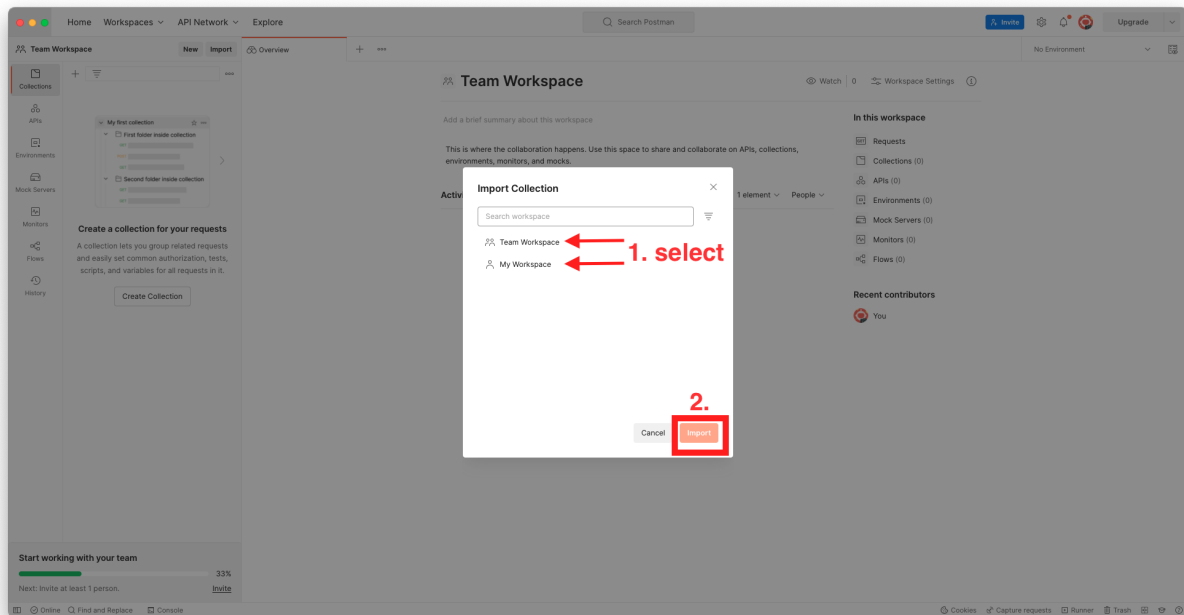
This SERIES 62-IP REST API documentation works best if used in association with the [series-62-ip-environment](#). It contains important environment variables that are used to execute and manipulate HTTP Requests.

Name	Datatype	Description
host	string (ip)	IP address of the SERIES 62-IP gateway
port	number	Port under which the SERIES 62-IP gateway is addressable
protocol	string	Protocol of the URI under which the SERIES 62-IP gateway is addressable
api_major_version	number	Major version number of the API (used in URI of request)
deviceGuid	string (uuid)	A globally unique identifier for a device managed by the SERIES 62-IP gateway
identifier	string	An identifier used to identify a resource such as a characteristic
automationGuid	string (uuid)	A globally unique identifier for an automation configuration within the SERIES 62-IP gateway
username	string	Username to login with

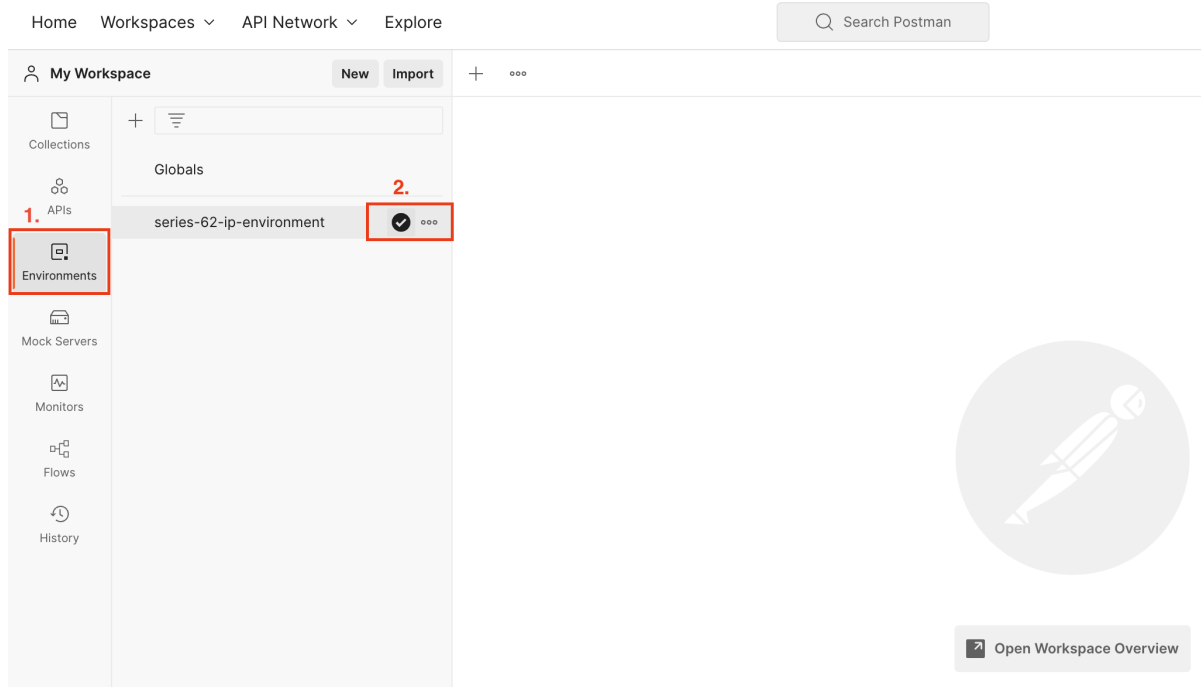
6. Select Postman for Mac or Windows, Linux... and confirm that the Postman application should be opened.



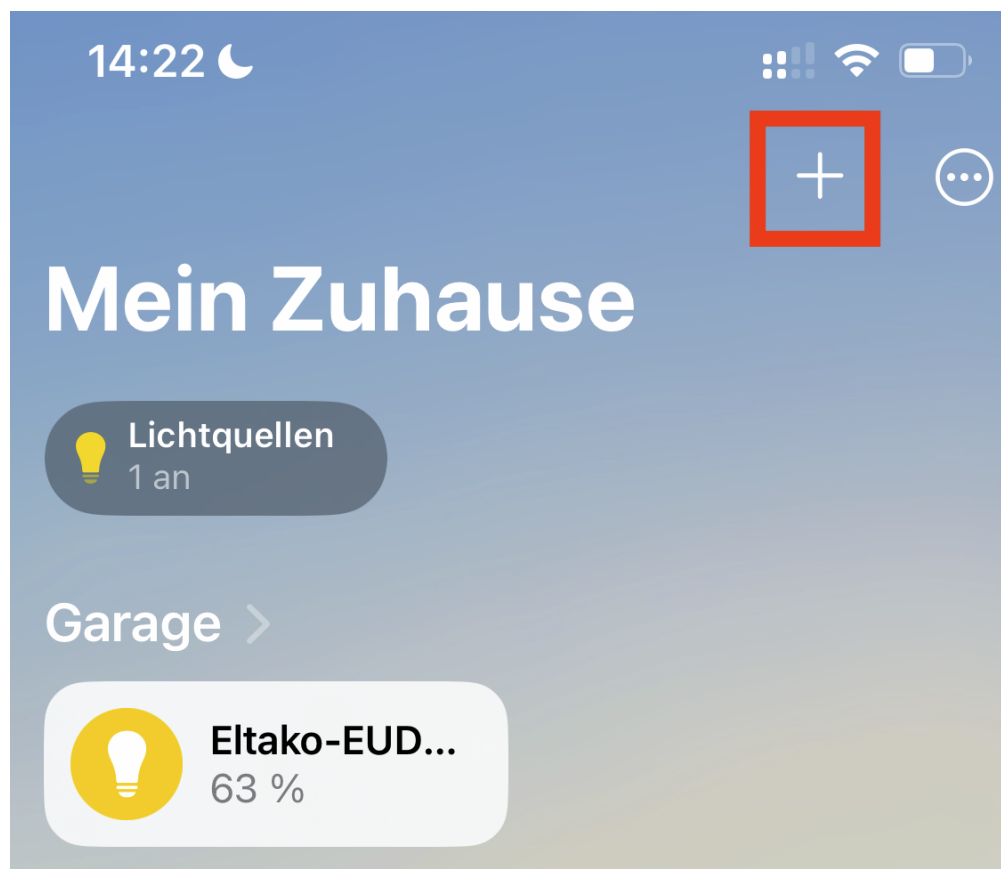
7. If necessary, select the workspace in which the API Postman collection should be loaded and press "Import".



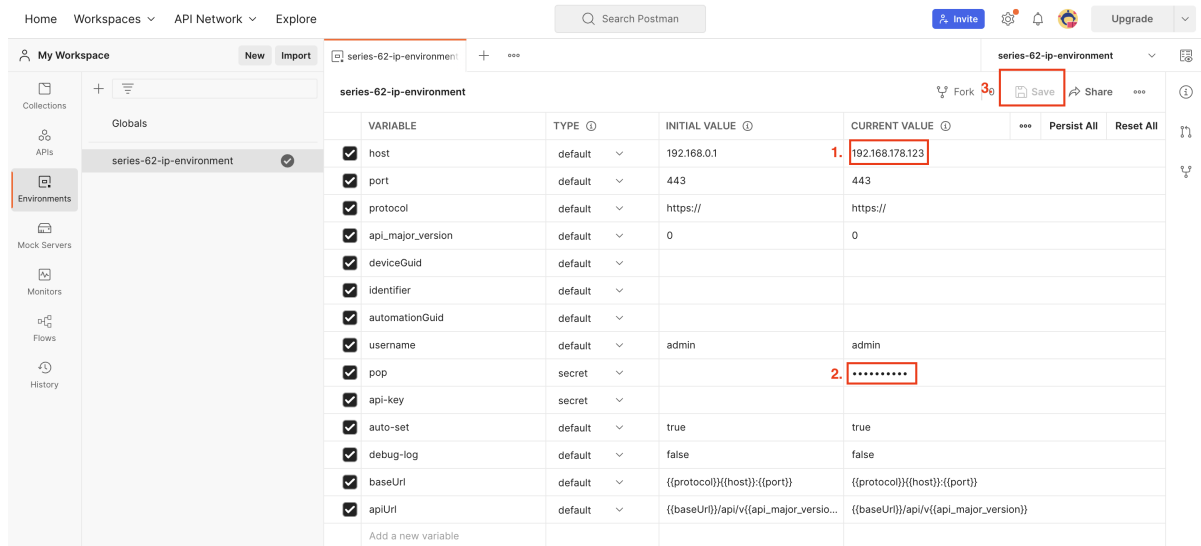
8. Activate environments: To do this, first switch to "Environments" and then click on the check mark behind "series-62-ip-environment". After the execution, the tick should have a black background, see screenshot.



9. Add series 62 device to the network: Click on the “+” in Apple Home and follow the instructions. If the BR62 device is already on the network, this step can be skipped.



10. Find out the IP address of the BR62 device: For example via the router menu.
11. Enter the IP address and pop (proof of possession) in the series-62-ip environment: To do this, insert the IP address under the environment variable "host" and insert proof of possession under "pop" and save by clicking on "save".

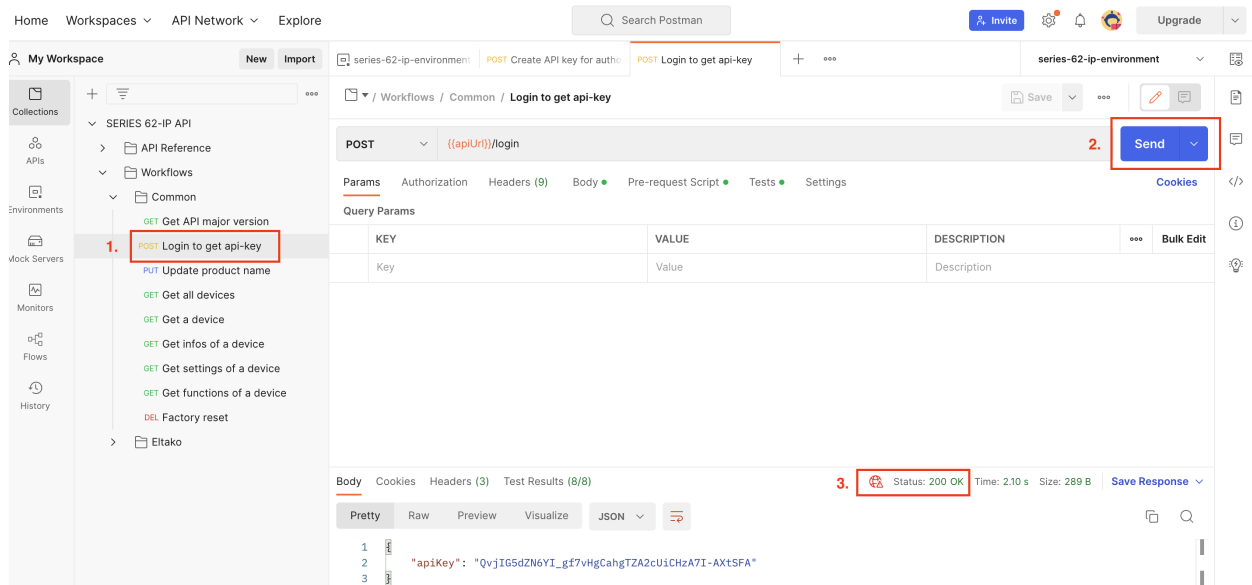


12. A login is required for most endpoints. Use the login endpoint in the "Workflows folder" for this. Click endpoint and then click "Send".

Sometimes the following message is displayed: "SSL-Error: Unable to verify the first certificate" to deactivate the verification click on "Disable SSL Verification".

After a successful login, a status 200 is returned as an answer, see screenshot.

If the request was not successful, the username and the pop should be checked again in the environments. Please make sure the environment variable "auto-set" is set to "true".



13. Now the rest API can be used. Specs are more under the Api-Reference folder. Concrete application examples that are executed immediately under “Workflows”. Have fun with the Eltako Rest API.

Pair device without app

In case you want to pair the device without a smartphone, you can do it with the Python script provided by Espressif: https://github.com/espressif/esp-idf/tree/edd815af2e/tools/esp_prov

Once you have Python and the script requirements installed, you need to connect to the device's WiFi from your computer to add it to the desired network:

```
$ python esp_prov.py --transport softap --ssid <wifi-ssid> --passphrase <wifi-password> --pop <device-pop>
```