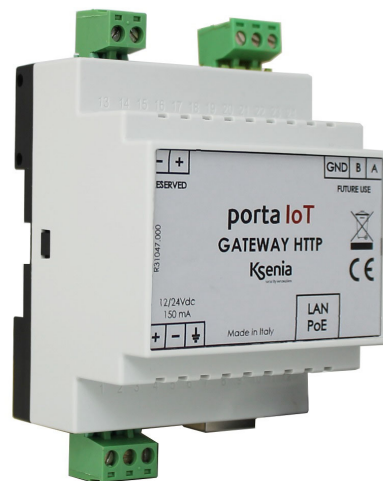


porta IoT

Http Gateway

Installation guide



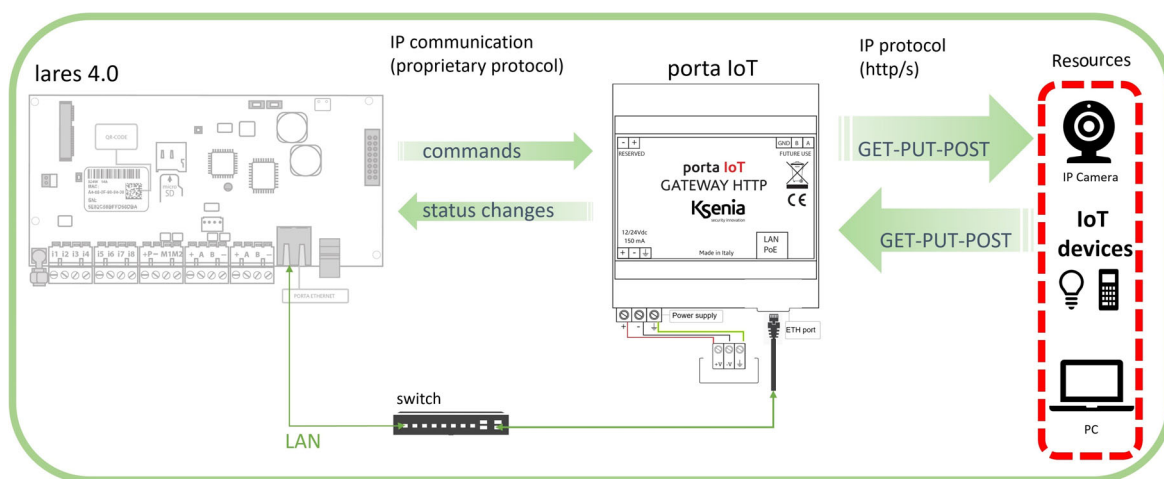
KSI4300002.300

INTRODUCTION

porta IoT is an IP device on which to activate the Http Gateway service, which allows you to interface third-party devices and to interface with the Ksenia control panels of the family lares 4.0 in a simple and immediate way, doing away, in many cases of use, the integrations via SDK.

This is possible because through porta IoT are exposed the http/s APIs that allow, for example, to include/exclude, send in alarm and restore the zones, manage the monostable/bistable outputs, etc., managing POST, PUT, GET and DELETE requests.

Similarly, lares 4.0, when a certain event occurs, through the porta IoT module, is able to send http/s requests of POST, PUT, GET or DELETE type, configured as required by the device you want to control. Moreover, porta IoT increases the security of the integration, being able to supervise the IP devices from which it accepts http/s requests and requiring a specific token for the API.

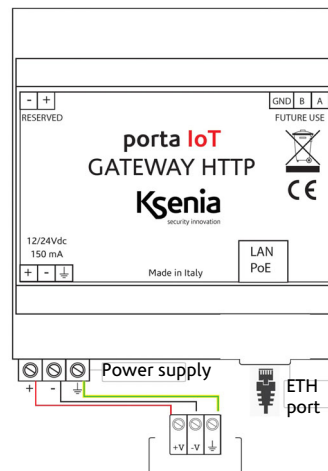


COMPATIBILITY

porta IoT is compatible with all lares 4.0 control panels firmware version 1.68.23 and later.

WIRING DESCRIPTION

TERMINAL DESCRIPTIONS		
POWER SUPPLY	1	Terminal for connecting positive power supply
	2	Terminal for connecting the negative
	3	Ground terminal
ETH PORT	LAN PoE	RJ45 connector



TECHNICAL DATA

- Power supply: 12/24Vdc or PoE
- Consumption: 5W max
- Arranged with BUS485 for future use
- Ethernet interface: RJ45
- Operating range: +5°C / +40°C
- Dimensions: 86x69x58mm
- Weight: 130gr.

INSTALLATION

porta IoT device is connected to the control panel via LAN through ethernet port.

It can be powered by PoE or by external power supply (12 / 24Vdc). It is supplied with a plastic box that occupies 4 DIM modules.

Only one gateway porta IoT per lares 4.0 control panel is supported and as an alternative to porta 4.0 (Gateway KNX).

CONFIGURATION

Gateway http service requirements:

- register your control panel on Ksenia SecureWeb cloud;
- launch "Installer" from Ksenia SecureWeb.

From the Installer configuration program you need to configure the IP device, the connected devices and the incoming and outgoing http/s APIs, as follows:

1. from <IP Devices->Gateway> menu: configure the IP device porta IoT (**default IP address:192.168.2.99**);
2. from <Services->Http Gateway> menu: activate the http Gateway(*) service for porta IoT;
3. from <Services->Gateway HTTP> menu, configure the outgoing API (that is, how to send requests): add the devices to connect to the lares 4.0 control panel and the actions (with GET-PUT-POST-DELETE method) to send to each connected device, as requested by it;
4. from <Partitions>, <Outputs>, <Zones> and <Scenarios> menus, configure the incoming APIs (that is, how to process the requests) that allow the connected device, for example, to bypass, unbypass, alarm and restore the zones, to manage the monostable/bistable outputs, to perform total and partial and delayed arming, disarming, etc., by means of read status using GET method and edit status and bypass/unbypass using GET and PUT method.

By default, porta IoT does not allow the execution of actions that require the PIN (scenarios/partitions). If it is necessary to work with these actions, it is necessary to enable "Allow action with pin" from <IP Devices->Gateway> menu.

(*) The purchased service is linked to the MAC Address of the device and cannot be transferred to another device.

For further information about configuration, please consult "lares 4.0 programming manual".

COMPLIANCE

Europe, CE, Rohs



Technical specifications, appearance, functionality and other product characteristics may change without notice.