

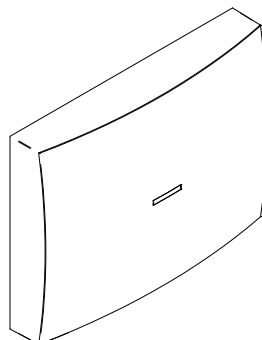
GATEWAYx1

En

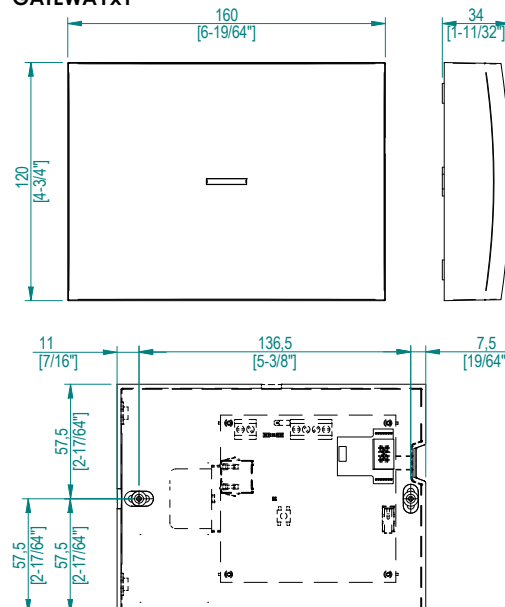
Description

The Gateway is the link between the PC and the wireless network (wireless escutcheons). It gives real-time information to the PC.

Gateways are completely managed through the SALTO Software: Pro Access SQL or HAMS SQL software, it collects all the information sent by escutcheons that belong to the Gateway. It has been designed with PoE technology, capable of power the Gateway through Ethernet infrastructure.



GATEWAYx1



En

Electrical characteristic

Operation conditions

	Min	Typ	Max	Unit
Temperature	0	25	60	°C
Humidity	35		85	%

RF Characteristics

Frequency Range	2405-2480 Mhz
RF Standard	IEEE 802.15.4
Indoor Radio Range	10/15m

PoE (IEEE802.3af)

		Unit
Class	2	
Max Power	1	W
Ethernet Standard	10 BASE-T/100 BASE-TX	
Cable	UTP CAT5e	

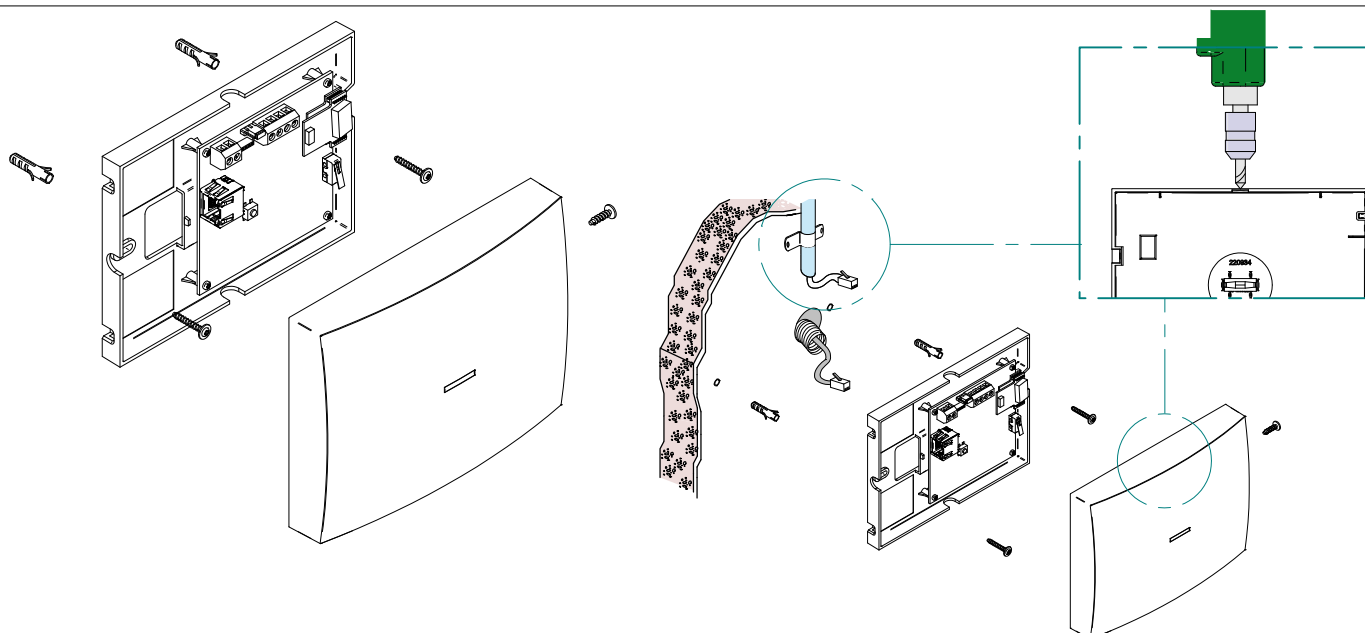
Auxiliary Power Supply

	Min	Typ	Max	Unit
Input Voltage ^{Note1}	10	12	15	V
Current consumption			75	mA

Note 1: Use only provided AC-DC power supply

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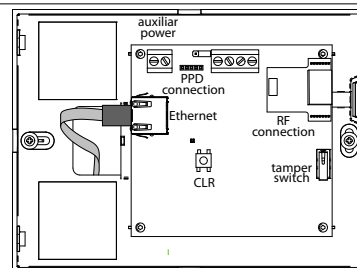
Mechanical Installation



En Electrical Installation



En Auxiliary power supply needed when Ethernet infrastructure is not PoE (Power over Ethernet). When PoE and auxiliary power supplies are connected at the same time, PoE is disconnected.



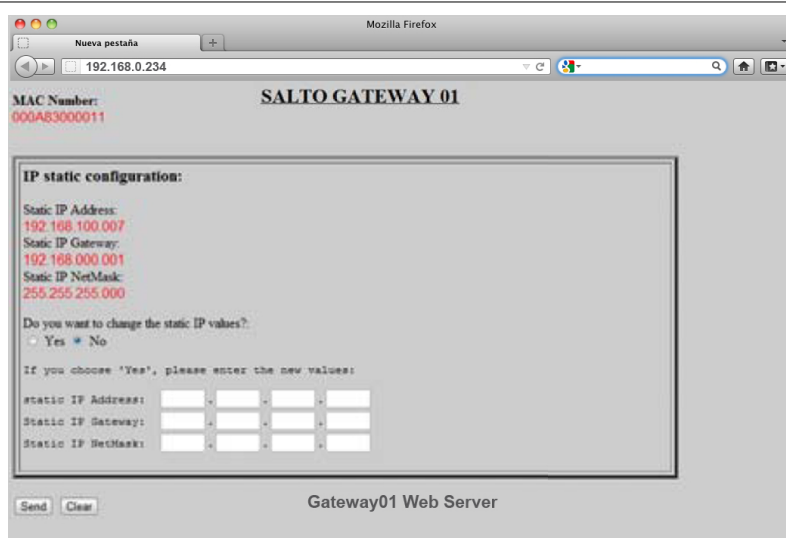
En Configuration

En

Addressing

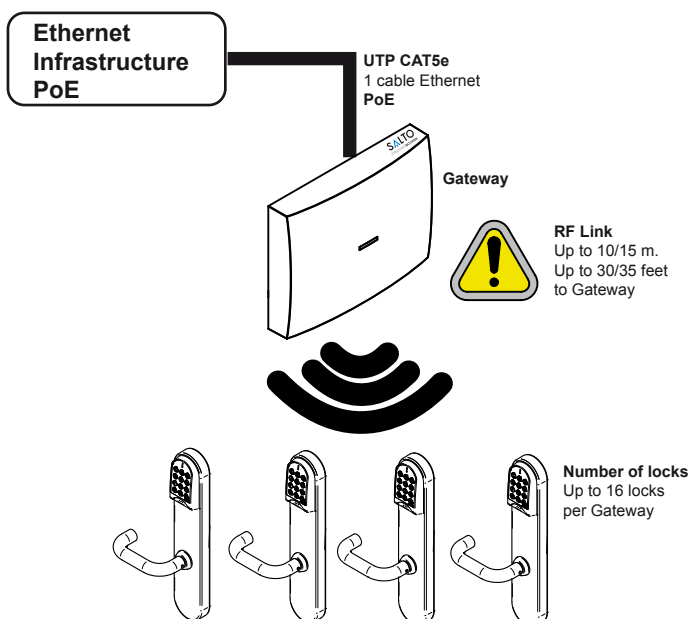
Pressing CLR button for 2 seconds, Gateway enters in addressing mode (red LED blinking) and user has 2 ways to configure the IP address:

1. SALTO Software: Enter Peripheral/Peripheral list menu and configure the Gateway's IP address (check SALTO Software's user manual).
2. Gateway Web Server: Access to 192.168.0.234 IP address with a standard browser. Configure network parameters as needed and use SALTO Software to detect the device (check SALTO Software's user manual).



En Installation Example

En Signalling



The LED in the top layer of the Gateway shows the state of the system:

LED colour	Description
Green	Works properly
Red	Communication lost with internal RF node
Flashing Red	Addressing mode

The LEDs on the Ethernet Connector show the state of the Ethernet communication:

LED colour	Description
No light	Lack of power supply
Green	Ethernet active
Flashing orange	Data transfer taking place through Ethernet.

En **Operational test**

En Once the product is installed, follow these steps to check the correct operation:

- Visually check that the green LED is active after power on.
- Check Ethernet connector LED to know communication state.

En **Maintenance**

En This unit should be tested at least once a year as described in "Operational Test".

En **Declaration of Conformity**

En SALTO Systems S.L. (Arkotz Kalea (Pol. Lanbarren), 9 – 20180 Oiartzun– Spain) declares herewith under its sole responsibility that the product: Gatewayx1 complies with the requirements of the Directive 2004/108/CE (Electromagnetic Compatibility) and the Directive 2006/95/CE (Low Voltage). You will be able to find a copy of the original declaration of conformity at the following Internet address: <http://www.SALTOsystems.com>