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SALTO
inspired **access**

SALTO Systems | GATEWAYx1



SALTO wireless 
real-time access control

SALTO Wireless Gatewayx1

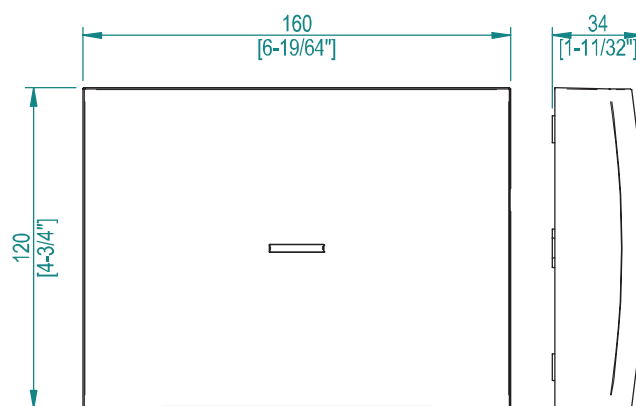
The SALTO wireless gateway is a brand new device that acts as a bridge between Salto wireless standalone electronic escutcheons and the central computer that manages the SALTO wireless system.



About the SALTO Wireless Gatewayx1

Mechanical features

- **Dimensions (LxWxH):** 160mm x 120mm x 34mm.
- **Weight:** 200Gms.
- **Colours available:** Black and White.
- **Cover:** Made of ABS V0 plastic.



Electronic features

- **Communication with the locks:** Wireless radio frequency based on IEEE 802.15.4 at 2,4Ghz.
- **Encryption:** AES 128bits encryption.
- **Communication with the server:** Connection to the LAN Network 10 BASE-T/100 BASE-TX.
- **Power:** PoE supported IEEE802.3af (12V power adapter optional).
- **Multi Device:** Can manage up to 4 repeaters and 16 locks.
- **RF range:** 15 meters.
- **Addressing:** IP addressing through web explorer available.
- **Firmware update:** Via software through Ethernet connection.
- **Warning Led:** Multi colour led to notify the status of the device.
- **PPD connection:** Built in 3 pin connector for PPD to connect and update the device if needed.
- **Tamper switch:** Built in tamper microswitch to notify if the Gateway has been opened.

RF Characteristics

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

PoE (IEEE802.3af)

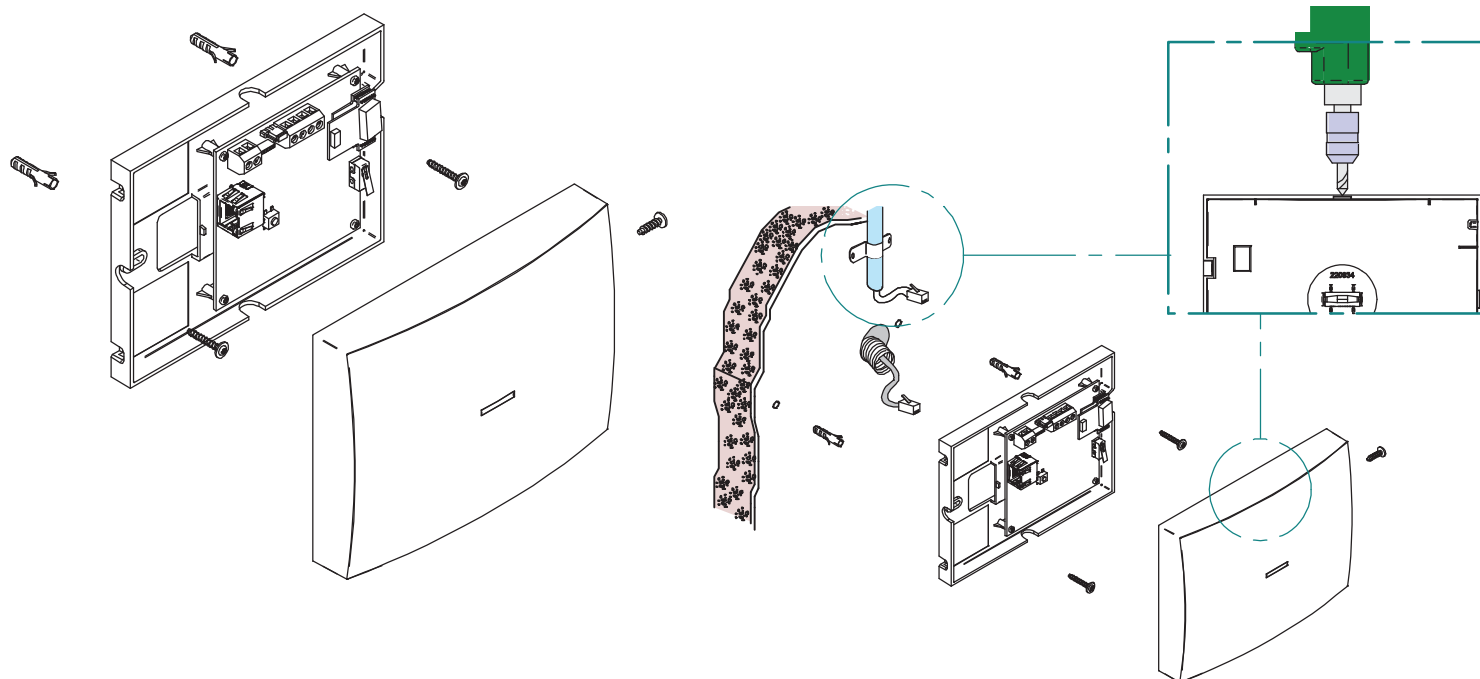
	Unit
Class	2
Max Power	1 W
Ethernet Standard	10 BASE-T/100 BASE-TX
Cable	UTP CAT5e

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

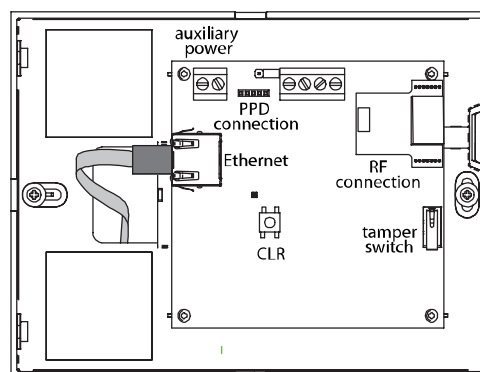
► Installation



► Operating conditions



Temperature: 0°C / 60°C
Humidity: 35% / 85%



► About SALTO Systems:

Since its inception in 2001, SALTO Systems has grown to be the market leader in state-of-the-art electronic access control systems.

Recognising the need for a new access control concept, SALTO has developed a wide range of innovative products such as the SALTO Virtual Network and XS4 access control platform, while our electronic escutcheons, wall readers and on-line and off-line control units now control security access for a growing range of end users from Airports to Hospitals, Banks to Government Buildings and Universities to Hotels.

Our brand new HQ and high capacity manufacturing facility is fully equipped with the latest technology for JIT (Just in Time) manufacturing while substantial ongoing investment in a dedicated RD&I team (Research, Development and Innovation) enables us to stay at the cutting edge of modern mechanical, electronic and software design. This, together with ISO 9001:2008 and ISO 14001:2004 certification, ensures rigorous quality management systems

are in place to ensure the design, development and manufacturing of our electronic access control products always strive to achieve the highest possible standards of quality as required by you, our customers and for the environment.

Our distribution partner network now covers more than 70 countries to service international growth, and we have branch offices in Spain, UK, USA, Australia, Canada, Denmark, Germany, Holland, Malaysia, Mexico, Portugal, Singapore, Sweden and United Arab Emirates with more planned to open in other countries.

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