



Meet the Allorado Gateway.

- Enables effortless LoRa communication
- Plug and play **LoRa** to **KNX**
- A limitless toolbox thanks to NodeRED

LoRa, easier than ever

Allorado offers integrated decoding for different vendors and hundreds of devices. Bought a new device? Get going instantly. The decoded values can be directly mapped to KNX group addresses or used in NodeRED, where you can process the data further to fulfill almost any scenario you can imagine.

Transmitted sensor data

3F 3A 87 00 0A 00 10 00 10



```
payload: {  
  co2: 689  
  humidity: 74,  
  temperature: 22.6,  
  brightness: 912  
}
```

Choose LoRa sensors to map

Device name	KNX mapping
> Hallway sensor	5 addresses
▼ Office sensor	3 addresses
<input checked="" type="checkbox"/> temperature	<input type="checkbox"/> brightness
<input checked="" type="checkbox"/> humidity	<input checked="" type="checkbox"/> co2

LoRa to KNX, in a few clicks

With Allorado, LoRa data appears natively on the KNX bus with only a few clicks. Enter the keys of your LoRa device, select its manufacturer from our library and select which parameters should be mapped to group addresses. Allorado gets it done.

Protocol support

- LoRa to **KNX** mapper
- LoRa to **BACnet** mapper
- LoRa to **Modbus** mapper
- LoRa to **MQTT** mapper

Hardware specifications

Gateway	Siemens IOT2050 Advanced
Processor	1.1 GHz quad-core ARMv8
Memory	2 GB DDR4
Storage	16 GB eMMC flash
Mounting	DIN rail / wall mounted
LoRa connectivity	Integrated Semtech SX1301 radio
Wireless sensitivity	Up to -138 dBm

Pricing

- For a detailed quote, contact us at sales@allorado.io

Ready to transform your building?

[Get in touch today at allorado.io](https://allorado.io)