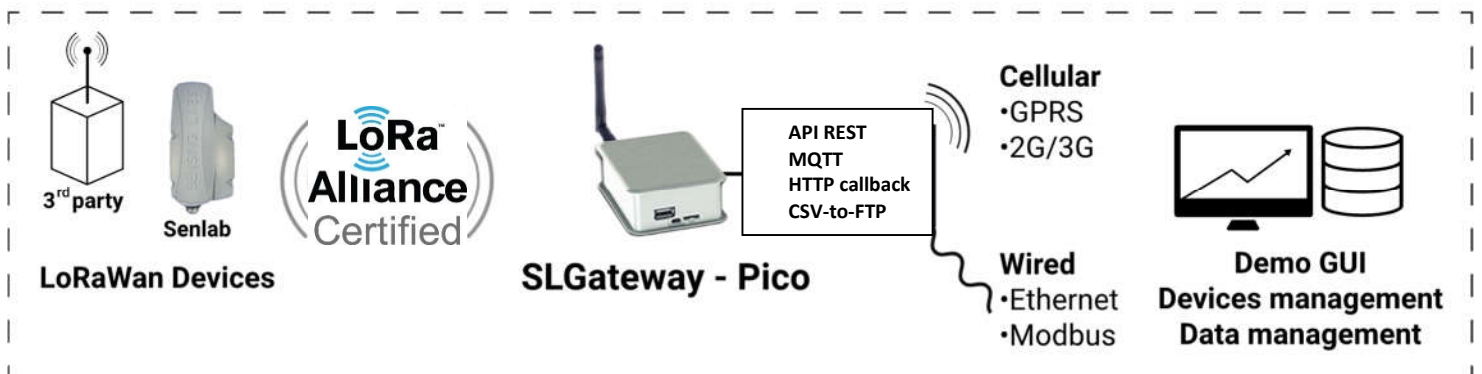


**SLGateway - Pico is a LoRaWAN™ IoT station developed with the aim to reduce the cost of deploying a network for small and medium size applications. The gateway is enhanced with software layers developed by Sensing-Labs, and designed to meet the need for a plug and play LoRaWAN™ private network solution.**



### Key features

- Plug and play
- Range: up to 15km
- Smart devices management
- Low cost end to end solution
- Quick visualization of data and network status
- Powerful Embedded Graphical User Interface (GUI)
- Embedded RF range testing tool
- Large choice of API to forward data to your application

<b>Casing</b>	Indoor (IP30)
<b>Dimension</b>	100.7 x x73.6 x 42.8mm
<b>Weight</b>	~250gr (1.01 lbs)
<b>RF</b>	868Mhz band (Power +14dBm / Sensitivity - 137dBm)
<b>Operating Temperature</b>	0°C to +50°C
<b>Storage Temperature</b>	-40°C to +85°C

Specification	Description
<b>Operation system (OS)</b>	Linux Debian
<b>Connectivity</b>	Ethernet (RJ45 plug) GPRS modem
<b>RF</b>	868Mhz band (Power +14dBm / Sensitivity -137dBm)
<b>Database</b>	Storage of last 100 days data
<b>Data APIs access</b>	Rest API, HTTP Callback, CSV to FTP, Modbus TCP, MQTT
<b>Graphical User Interface</b>	Light GUI for gateway configuration & management (available from local or remote access)
<b>Security</b>	Login/Password authentication (HTTP security) Firewall rules
<b>Software maintenance</b>	Easy update Advanced configuration processes
<b>Backup/Restore</b>	Backup/restore for backup or massive deployment of SLgateway
<b>CSV data export</b>	Export all data or from selected days to CSV file
<b>Remote access (VPN, DynDNS)</b>	<b>VPN</b> configuration to your own OpenVPN server. <b>DynDNS</b> configuration to your own dynDNS account
<b>RF Range tester</b>	Local LoRaWAN network coverage test dashboard
<b>LoRaWan RF modem</b>	Mono datarate (3 channels)
<b>LoRaWan network server</b>	ABP or OTAA activation mode PUBLIC or PRIVATE network type
<b>LoRaWan application server</b>	Application messages Decryption & Encryption Integrated Codecs for Senlab

**Data APIs access:**

