

SL-PICO GATEWAY

Ref : PIC-LAB-63NS

SL GATEWAY-PICO IS A LORAWAN™ IOT STATION

DEVELOPED WITH THE AIM TO REDUCE THE COST OF DEPLOYING

A NETWORK FOR SMALL AND MEDIUM SIZE APPLICATIONS.

SL-Pico gateway is designed to meet the needs of a Plug & Play LoRaWAN™ private network solution.

It is enhanced with software layers developed by Sensing Labs and has a range up to 15 km.

KEY FEATURES

Compliant with many APIs and IoT / PLC platforms	Smart devices management : Status, reconfiguration, data history	Powerfull Embedded Graphical User Interface (GUI)
Stand alone system: include SLcodec for messages decoding	Support up to 200 devices	"Fleet management" Ready

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



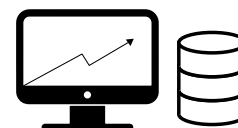
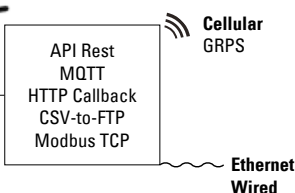
SENLAB Devices



3rd party



SL GATEWAY PICO



Demo GUI
Devices management
Data management

SL GATEWAY-PICO IN ACTION

TECHNICAL FEATURES FOCUS

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

Data APIs access :	
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