

Acquisition stations

Applications :

The LNS is a multi-protocol acquisition station for storing, memorising and transmitting information from different types of sensor. Its main application is the management of environment-related risks.



Simple and innovative :

Because of its low power consumption, the PARATRONIC LNS is ideal for monitoring isolated sites. Its screen and integrated alphanumeric keypad allows configuration to be carried out and data to be displayed locally. All communication vectors may be connected to the station (IP, RTC GSM, satellites, radio, etc.) in order to send, alarms, photos, etc. In addition, the PLQ2000, PLQ2000, xml, FTP, MQTT communications protocols are integrated into the LNS.

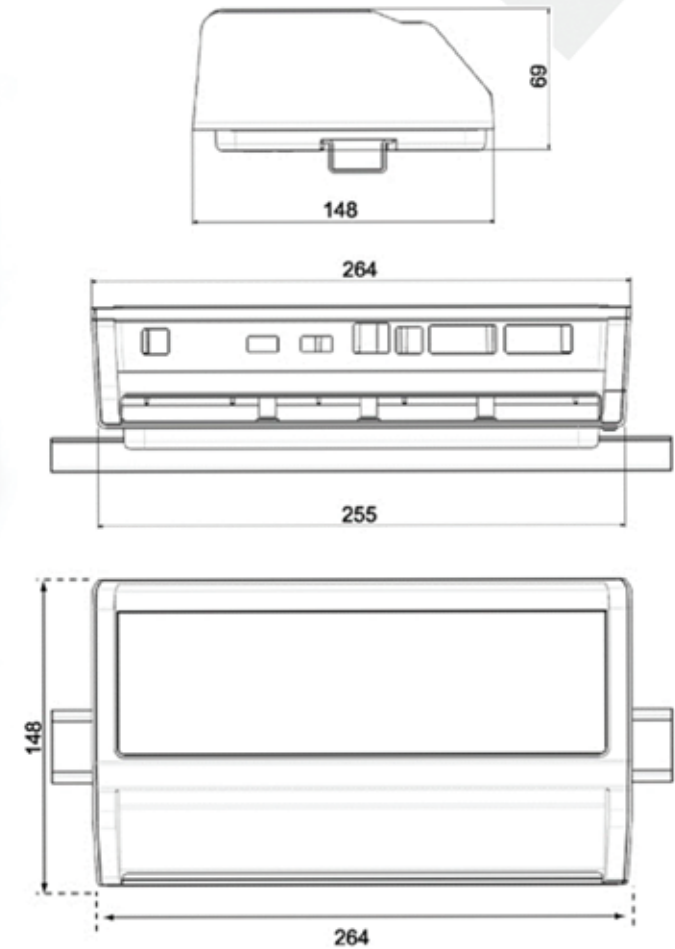
Safe and upgradeable :

Provided as standard with a numerous inputs/outputs and communication ports, additional modules may be added to provide a complete view of your installations. Designed for use in extreme conditions, the LNS has a PARATRONIC 2-year warranty which includes lightening risks.

Availability :

- Fast delivery.
- Constant technical availability to answer your questions.

C110A-0519	LNS
Power supply	12V DC (9V DC to 15V DC)
Consumption on standby	160 μ A
Display	Colour graphic screen 3.5 inch 320x240
Keyboard	22 intuitive keys
Channels :	
Analogue	2 inputs, 1 output
PT100	1 input 2-, 3- or 4-wire
Logical	4 inputs, 3 outputs
SDI12	1
RS232 sensor	1
RS485 sensor	1
USB	1 device, 2 hosts
Ethernet	RJ45 100 Mbits
Audio	1 output
RS232 Communication	2
Acquisition time step	Adjustable from 1 second to 24 hours (according to configuration)
Memory capacity	500,000 measurements
Power supply to analogue sensors	12V DC or 24V DC
Protocols and formats managed	ftp, http, MQTT, Mail, SMS, PLQ 2000, Modbus, Modbus TCP, xml, CSV, DP, ...
Electromagnetic compatibility	EN61000-6-2, EN61000-6-3
Electrical safety	EN60950-1
Storage temperature	-20 °C to + 70 °C
Operating temperature	-20°C to + 55°C
Relative humidity	< 95%
Dimensions	L=264, H=148, D=69
Installation and fixing	In cabinet on DIN top hat profile rail
Protection rating	IP21
Weight (g)	850 g
Warranty	2 years including lightening risks (1)



(1) It is essential to protect all inputs and outputs in compliance with the installation manual.

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