



**Hardware and Software combined for data acquisition, storing, processing and transmission. Unattended calibration process. Valves and relay switching. Remotely controlled.**



LNX600DL DataLOGGER



LNXTS (TouchScreen LCD optional)

## Product Specification

<b>Sensor Management</b>	<ul style="list-style-type: none"><li>Data Management and processing from up to 255 Sensors</li><li>Virtual Calculated Sensors via MicroC built-in language</li><li>MODBUS PLC Management</li><li>Serial RS232 Sensors Management</li><li>MultiGas CEMS ready</li><li>ThermoFisher i Series connection via TCP</li><li>Analog Instruments via Industrial grade 24 bits resolution built-in board</li><li>Pulse Counter Instruments via built-in board</li><li>Davis Instruments Vantage Pro 2 management via USB</li><li>Relays and valves switching via built-in board</li></ul>
<b>Hardware</b>	<ul style="list-style-type: none"><li>Redundant data storage in built-in RAID Mirrored Backup SATA drives</li><li>Up to 25 Analog Inputs of 24 bits resolution</li><li>Up to 40 Digital I/O</li><li>Up to 5 Pulse Counters</li><li>5 external 12 Volts terminals</li><li>2 RS232 Serial ports</li><li>Built-In analog modem</li><li>Ready to plug external acquisition modules (optional)</li><li>Ready to plug external relays modules (optional)</li><li>Ready to plug external wireless communication module (optional)</li><li>Ready to plug external rack mount TouchScreen</li><li>Industrial rack mount in 1 unit height</li></ul>
<b>Remote Control</b>	<p>3 modes of Remote Control via LNX Connector</p> <ul style="list-style-type: none"><li>Safe Support Mode</li><li>Read-Only Control Mode</li><li>Full Control Mode</li></ul>
<b>Safe Remote Monitoring</b>	<ul style="list-style-type: none"><li>Remote monitoring and data processing via TerminalWEB</li></ul>
<b>Data Processing and Actions</b>	<ul style="list-style-type: none"><li>Average user defined storage data interval</li><li>Flags Data validation</li><li>Relay switching (open/close) when average data is lower or higher than value E.g. Switch relay 1 (open valve) if 15 minutes average of CO is &gt; 6.8 ppm</li><li>Send email and/or SMS when average data is lower or higher than value</li></ul>
<b>Alarm Processing and Actions</b>	<ul style="list-style-type: none"><li>Control and receive up to 255 Alarms</li><li>Virtual Calculated Alarms via MicroC built-in language E.g. Fire alarm If CO &gt; 3.6 ppm</li><li>Relay switching (open/close) when alarm fired E.g. Fire alarm If SO2 &gt; 550 ppb and also switch relay 3 (close valve)</li><li>Send email and/or SMS when alarm fired</li></ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"><li>15° C - 40° C</li></ul>
<b>Power Requirements</b>	<ul style="list-style-type: none"><li>100 vac, 115 vac, 220-240 vac +/-10% @ 236W</li></ul>
<b>Size and Weight</b>	<ul style="list-style-type: none"><li>415,45 mm (W) x 43,18 mm (H) x 508 mm (D), 7 kg</li></ul>



## Ordering Information

<b>Address</b>	Cochabamba 477 (C1150AAE) Buenos Aires - Argentina
<b>Phone</b>	54.11.4.307.8363 54.11.4.361.5807
<b>E-mail</b>	For quotes and sales: docknorte@docknorte.com For technical support: support@docknorte.com or lab@docknorte.com
<b>Web</b>	<a href="http://www.docknorte.com">http://www.docknorte.com</a>

### Schematic View

### ThermoFisher TCP Ready

LNX600DL (TouchScreen LCD optional)

Thermo BlueBoxes and Calibrator

Switch / Hub

### Full Remote Control

LNX600DL

PC running LNX Connector

