

# Ethernet



**30 mm high digits. Industrial environment  
Readable from up to 15m  
1 or 2 displaying sides.**

## Characteristics

Message display designed to be used in industrial environment.

Real time clock: Seconds / Minutes / Hours / Days / Month / Year. It is adjustable by two push buttons. The clock is NiMH battery backup, which lasts approximately one month.

Connector RJ-45

Option: Relative humidity and temperature sensor.

## Applications

The display of any message from a PC, production rates, Scada software (LabView), alphanumeric readouts.

The display of any data from a PLC: Temperature, engine RPM, alarm messages.

## Message edition

### Editing and saving messages on the display.

Messages are edited by PC with the TDL software. Applications in which the display receive the complete message by the Ethernet serial line you may store only de message 0, because message 0 is used at the display start up.

### Recording messages.

Messages edited by PC are sent to display by Ethernet serial line and the remain saved in a Eeprom memory. Batteries are not needed for message maintenance.

## Operation

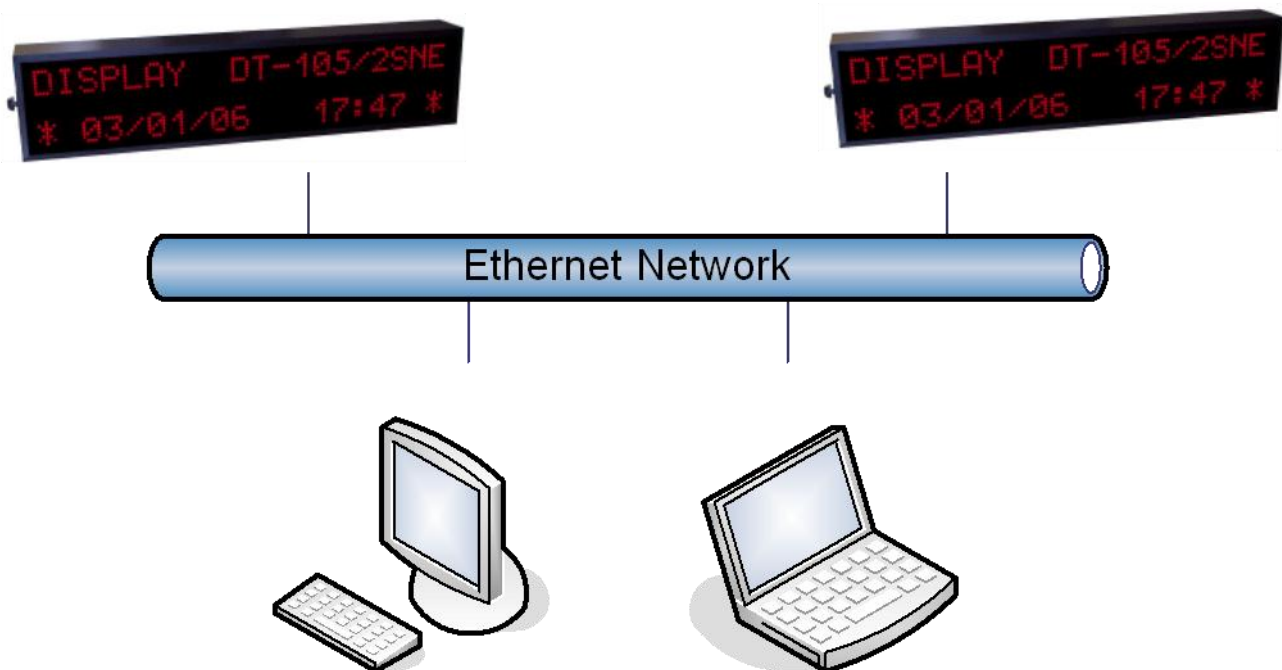
The DT-NE must be controlled sending a message, whit the end of block, to display IP address. The display's answer may be selected.

Before to transmit the first block you must check the display parameters: Protocol, end of block and response message.

Reading the display's MAC code is possible with the parameters utility.

To assign the IP address, download the DeviceInstaller utility from the Lantronix web.

## Example



## General characteristics

Number of sides	1 or 2	
Control	Ethernet, TCP/IP and ModBus/TCP	
Connector	RJ-45	
Number of lines	2,4,6 or 8 lines	
Character/line	20 or 40 characters	
Display matrix	LED, 5 x 7 dot matrix	
Character height	30mm	
Reading distance	15 mètres	
Maximum environmental lighting	1000 lux	
Power supply	88 to 264 VAC 47 to 63Hz.	
	Dimensions (mm)	
	20 characters	40 characters
2 lines	615 x 177 x 120	1170 x 177 x 120
4 lines	615 x 317 x 120	1170 x 317 x 120
6 lines	615 x 464 x 120	1170 x 464 x 120
8 lines	615 x 611 x 120	1170 x 611 x 120
Protection degree	DT-203 = IP41 DT-203e = IP65	
Max. number of messages	512 messages	
Max. Length of the message	160 characters	
Messages memory	EEPROM 32kB	
Case/display	Aluminium section in black. Display in extruded antireflex methacrilate	
Humidity + temperature accuracy	Temperature $\pm 0,5^{\circ}\text{C}$ at $25^{\circ}\text{C}$ . Humidity $\pm 3,5\%$ between 30% and 70%.	

## Reference composition

