

DT-203NE
DT-105NE
DT-106NE
DT-110NE
DT-111NE

Message display from 1 to 8 lines
 20 characters. of 30, 50 or 100mm in height.
 One or two display sides.
 Control Ethernet. TCP/IP, UDP and Modbus/TCP



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.

Perfect visibility

DT-203, DT-105/106 and DT-110/111 are big size displays. Red led colour display of 30, 50 or 100mm character in height. These features make them readable in almost any light environment from up to 15m(DT-203), 25m(DT-105/106) or 50m (DT-110/111). They are available in one or two displaying sides and from 1 to 8 lines.

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

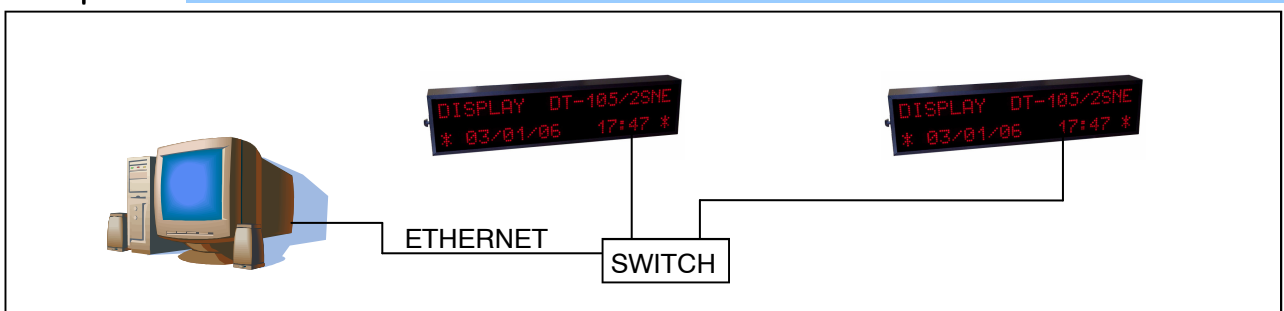
The DT-NE must be controlled sending a message, whit the end of block, to display IP address. The display's answer may be selected.

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.

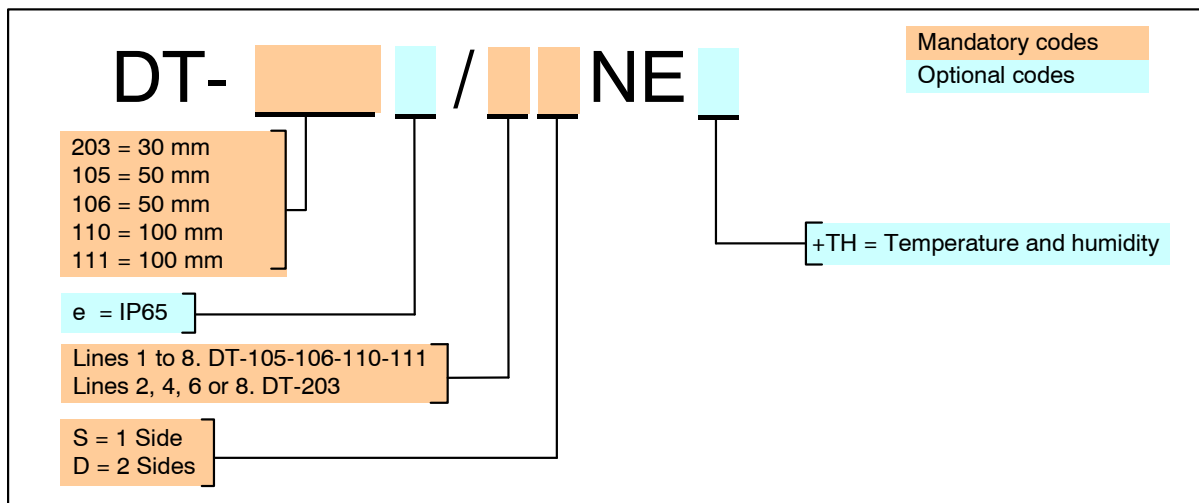
Example



Specifications

Model	DT-203		DT-105 and DT-106		DT-110 and DT-111	
	DT203/nSNE	DT203/nDNE	DT-105/nSNE DT-106/nSNE	DT-105/nDNE DT-106/nDNE	DT-110/nSNE DT-111/nSNE	DT-110/nDNE DT-111/nDNE
n = Number of lines						
Number of sides	1	2	1	2	1	2
Control	Ethernet TCP/IP, UDP and Modbus/TCP					
Connector	RJ-45					
Number of lines	2,4,6 or 8 lines		1 to 8 lines			
Character/line	20 characters		6, 13 or 20 characters			
Display matrix	LED, 5 x 7 dot matrix					
Character height	30mm		50mm		100mm	
Reading distance	15 mètres		25 mètres		50 mètres	
Maximum environmental lighting	1000 lux		DT-105 = 1000 lux. DT-106 = Outdoor		DT-110 = 1000 lux. DT-111 = Outdoor	
Power supply	100VAC to 240VAC 50/60Hz					
Dimensions 1 line	Not available		985 x 118 x 120 mm		1886 x 165 x 120 mm	
Dimensions 2 lines	615 x 170 x 120 mm		985 x 224 x 120 mm		1886 x 378 x 120 mm	
Dimensions 3 lines	Not available		985 x 330 x 120 mm		1886 x 591 x 120 mm	
Dimensions 4 lines	615 x 317 x 120 mm		985 x 436 x 120 mm		1886 x 805 x 120 mm	
Dimensions 5 lines	Not available		985 x 542 x 120 mm		1886 x 1018x 120 mm	
Dimensions 6 lines	615 x 464 x 120 mm		985 x 648 x 120 mm		1886 x 1232 x 120 mm	
Dimensions 7 lines	Not available		985 x 754 x 120 mm		1886 x 1445 x 120 mm	
Dimensions 8 lines	615 x 611 x 120 mm		985 x 860 x 120 mm		1886 x 1659 x 120 mm	
Dimensions 6 characters	Not available		375 x 118 x 120 mm		666 x 165 x 120 mm	
Dimensions 13 characters	Not available		680 x 118 x 120 mm		1276 x 165 x 120 mm	
Protection degree	DT-203 = IP41 DT-203e = IP65		DT-105 = IP41 DT-106 = IP54 DT-105e = IP65 DT-106e = IP65		DT-110 = IP41 DT-111 = IP54 DT-110e = IP65 DT-111e = 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°C . Humidity $\pm 3,5\%$ between 30% and 70%.					

Part number. (Details)



Examples:

DT-203/2SNE

2 lines, DT-203 series display, one face. Control Ethernet.

DT-105/3DNE+TH

3 lines, DT-105 series display, two faces. Control Ethernet and temperature and humidity option.