Industrial RTU Display
Type MD-RTU

Multi-Channel, Centralized Large Digits Display

DISPLAY FEATURES

- Data measurement Large digits:
  3 Digits: 100 mm
  4 Digits: 75 mm
- Measurment unit's display
- Channels display
- Display modules:
  Basic: with Data Measurement Large digits only
  Pro: with Data Measurement Large digits & Measurement units & Channel number
- Universal input trough Serial MODBUS RS485 line
- Protection IP65
- Resolution: 0 / 0.1 / 0.01 and 0.000
- MODBUS operating mode: Master and Slave. Both RTU and ASCII modes are supported
- Easy setup and control via Setup S/W, Infrared remote control or Internal switches
- Can set connected PLC devices to their predefine setup
- Up to 99 different displayed data measurements

MD-RTU Pro

APPLICATIONS

The MD-RTU is industrial grade, multi-channel, centralized Display. It can be used in industrial area, laboratory, data centers, control rooms, production rooms and warehouses

It operates as a centralized, large digits display to show from one up to 99 different measurments.

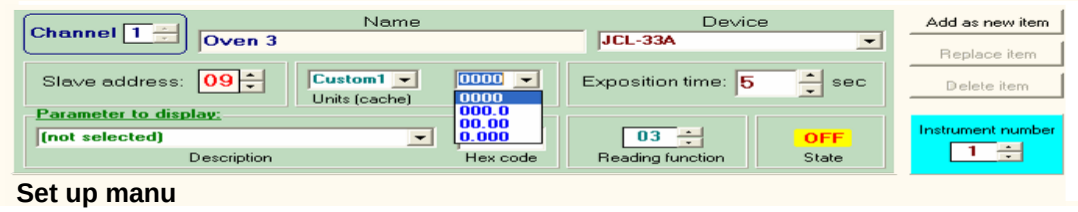
The MD-RTU has 75 mm or 100 mm height digits visible up to 60 meters away.

MD-RTU Basic

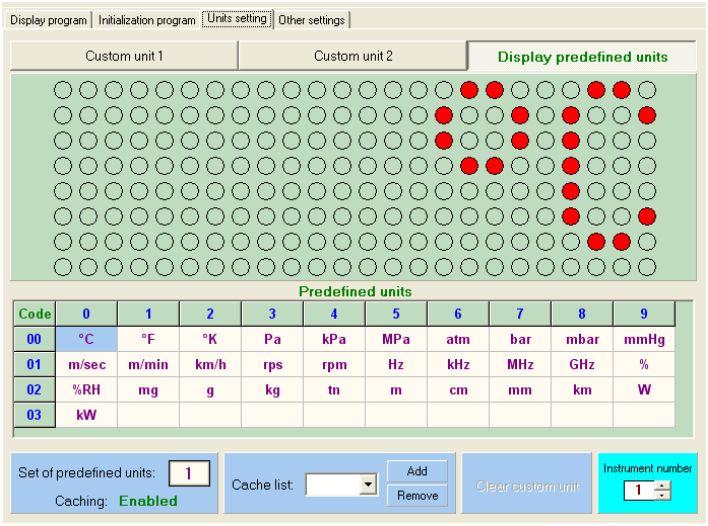
Two avaliable modules, Basic with just the large digits and The MD-RTU-Pro with the large digits, and also dot LED array that shows the data's units and the channel number. The Pro module is used when displaying information from multiple sources. The universal input allows connecting to MODBUS sensors and controllers from any other companie After configuraning a 3rd party controller to a specific test return it to a predefine setup for the normal operation using the remote control.

PROGRAMMING SETUP S/W

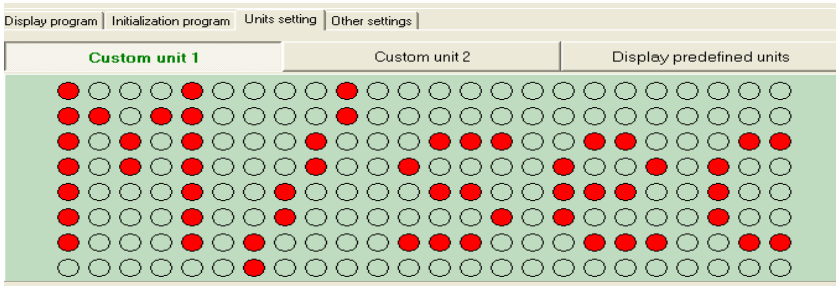
The Programming Setup S/W is an easy to use S/W suite that is used to set the MD-RTU and via it also 3rd party devices. The Programming Setup S/W can run on Windows XP, Vista and Windows 7



Set up manu



Displayed units can be set from a predefined list



Displayed units can be custom design

The MD-RTU can set connected PLC devices to a predefine configuration

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SPECIFICATIONS

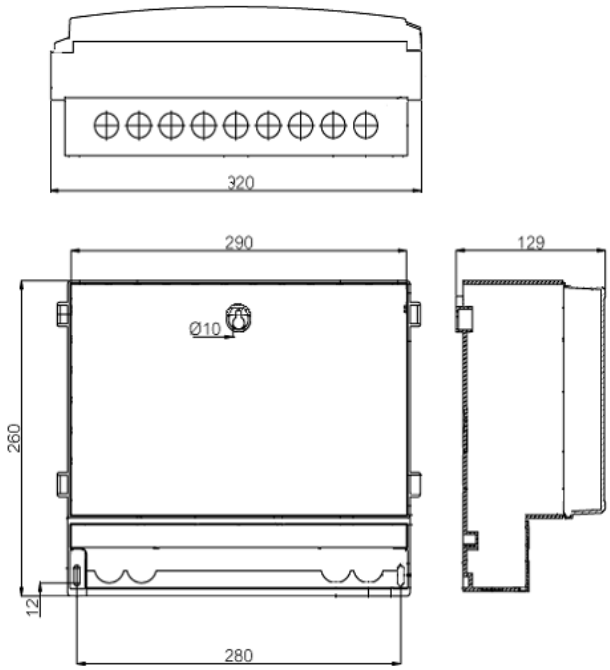
DISPLAY:		
Digits hight	:	100 mm - 3 Digits, 75 mm - 4 Digits
Resolution	:	1 / 0.1 / 0.01 / 0.001 (4 digits)
Units	:	8 x 24 dots, 38 mm
Channels	:	2 digits, 30 mm
Data value		- 1999 to 9999
Units avaliable		Custom made and 2 cache list of 32 units
Exposition time		1 to 63 seconds per channel

MODBUS:	
Mode:	Master or Slave
Channels	up to 99
Protocol	ASCII or RTU

BOX:		
Protection	:	IP 65
Dimensions	:	320 x 260 x 129 see drawing

TECHNICAL SPECIFICATION:		
Power supply	:	24 VDC, 24, 110, 220 VAC
Communication	:	Serial RS485, MODBUS, 2 parallel ports
Working temp.		0 - 50° C
Storage temp.		- 10 - 70° C

Box Dimensions:



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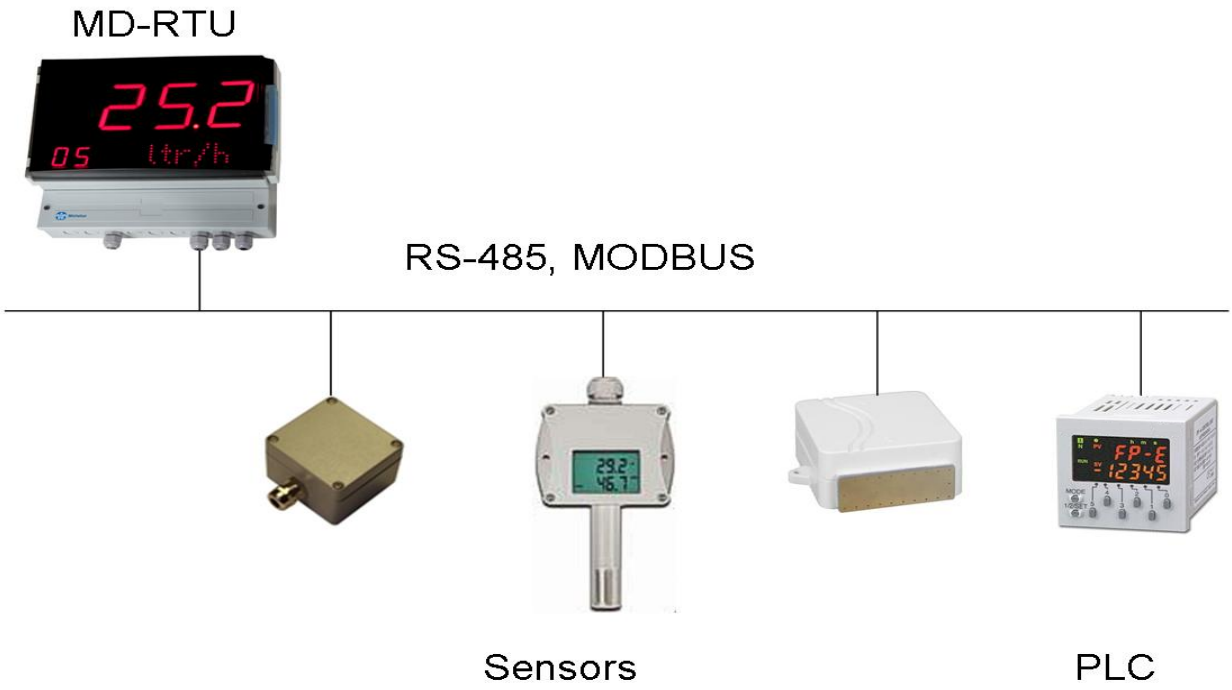

System Architecture

HOW TO ORDER: MD-RTU - 1 - 2 - 3 - 4

MODEL
MD-RTU

1) NUMBER OF DIGITS
3 3 Digits
4 4 Digits

2) DISPLAY MODE
B Basic (Large digits)
P Pro (Large digits, Units and channel number)

3) POWER SUPPLY
1 24 VDC
2 24 VAC
3 110 VAC
4 230 VAC

4) INFRA RED REMOTE CONTROL
X without
R with IR controller

Ordering examples: **MD-RTU-3-B-4**
MD-RTU-4-P-1-R

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.

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