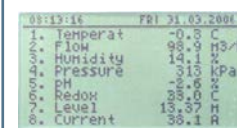


The iTankData ITC 650 Universal Data Logger can display current and record values from 8 different measuring channels. Each channel can be individually designated (described) with any engineering measuring unit. The LCD graphical display allows for visualization of the values from all 8 channels simultaneously. A significant advantage is possibility of viewing the trends in each measuring channel.

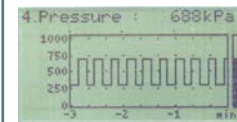
- Temp Flow
- Humidity
- Pressure
- PH
- Level
- Redox
- Current



An example of what the display looks like



Universal 8-channel Measuring view displayed at the same time



The history of the process in time



Large Display

FEATURES

- Universal Multi-Channel Indicator
- LCD Graphic Display
- Up to 8 inputs Universal (4-20 mA)
- 2 Electronic Relay Outputs
- 24VDC Power Supply Output: 24V DC / 200 mA Will Power All 8 Channels
- RS-485 / Modbus RTU Standard
- Temperature, Flow, Humidity, Pressure, PH, Redox, Level, Current
- Viewing the Trends in each of the 8 Measuring Channels
- Any Text Description Possible: Name and Units
- Data transfer to the Master System via RS-485
- Password Protected

SPECIFICATIONS

Power Supply	120 VAC- 24VDC
Power Consumption	typical 7 VA; max. 12 VA
Display	with backlighting, graphic LCD, 128 x 64 points
Measuring Inputs	2, 4 or 8 inputs 0/4-20 mA, common earthing
Displayed Values Range	± 9999 + decimal point
Accuracy	0.1% @25°C
Stability	50 ppm/°C
Digital Outputs	non-volatile memory, EPROM type
Relays Outputs	2 electronic relays, NO type (ER1, ER2 with max. load 24V AC (35V DC)/ 200 mA,
Transducer Power Supply Output	24V DC ±5% / max. 200 mA, stabilized, not insulated from measuring inputs
Communication Interface	RS-485, 8N1 and 8N2, 1200 bit/s ÷ 115200 bit/s, Modbus RTU, galvanically separated
Operating Temperature	-10°C ÷ +70°C
Protection Class:	IP 65 (front), available options: additional frame IP 65 for panel cutout sealing, transparent door STD-99, see: accessories; IP 20
Case	NEMA 4X Face Plate
Case Material	NORYL - GFN2S E1
Case Dimensions	96 x 96 x 100 mm
Panel Cut-Out Dimensions	90,5 x 90,5 mm
Installation Depth	min. 102 mm
Board Thickness	max. 5 mm

ORDERING

ITC 650-99-X128-1-X

number of channels:

- 2 : 2 x 4-20 mA
- 4 : 4 x 4-20 mA
- 8 : 8 x 4-20 mA

power supply:

- 3 : 24V AC/DC
- 4 : 85V - 260V AC/DC

