



**SH-300 Text Panel is a new product and being a small Human-Machine Interface, it mainly is used to be connected with PLC or other intelligent controllers with COM port communication function. It can monitor, set and modify the data of the register or the status of the relay inside the PLC by configuring text, indicator, function key, bar graphs and trend graphics elements etc. SH-300 is Monochrome(yellow-green) 4.3"STN-LCD with multi-language display, user-defined system prompting information and setting parameter, The project development software SH300 built on WINDOWS platform, with friendly operation interface, easy to learn. Due to its high performance and yet easy operation the SH300 offers you highly efficient economies for almost any application.**

### Function Feature

- ❖ The project development software SH300, built on WINDOWS platform, being able to edit several monitoring screens and support multi-format graph
- ❖ The communication protocols will be downloaded into SH-300 Text panel together with the project files, so it is unnecessary to edit the communication program in PLC separately
- ❖ It can be connected with several PLC. in the beginning it supports the leading PLC series Mitsubishi, Omron, Siemens, Panasonic, Delta and Vigor etc.
- ❖ With password protecting function
- ❖ With alarm list function, real-time displaying the alarm information line by line
- ❖ Having 14 keys, which can be defined as function keys, being easily operated, replacing some mechanical keys on the control cabinet, with the number key function
- ❖ Supporting several kinds of communication ports: RS232/RS422/RS485
- ❖ STN-LCD display with backlight, displaying 24 characters×4 rows
- ❖ With multi-language displaying function, with user-defined system prompting information, being convenient for different demands

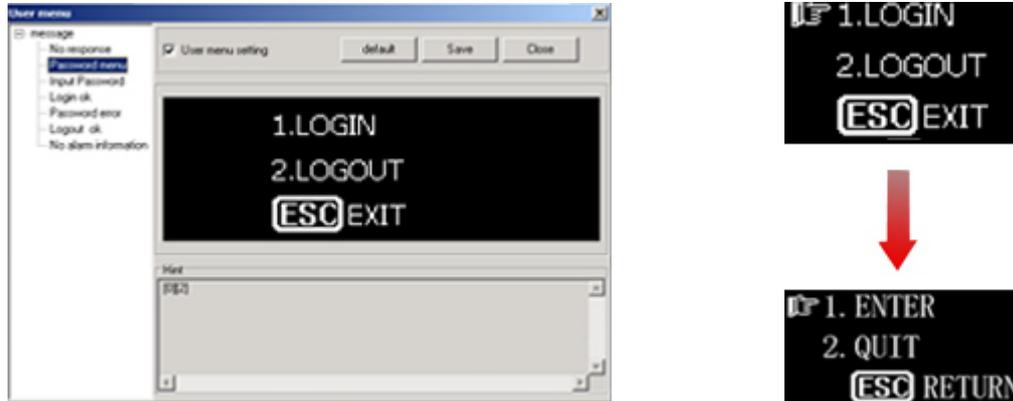
 The front panel being up to IP65 Protection Level, waterproof, and greaseproof

## Technical Data

◆ Hardware specification	
Display screen	4.3"STN - LCD Display screen
Resolution	192 x 64 pixels
LCM life	With 25±2℃, 65±10% RH over 50000 hours
Brightness	60cd/m <sup>2</sup>
Color	Monochrome(yellow-green)
Contrast	Adjustable resistor
Backlight	Long life yellow-green LED
Memory	110KB Flash ROM
Communication Port	PC RS232& PLC RS485/422 & PLC RS232
Function button	14 freely configurable keys
Allowable power disruption	≤20ms
Frame Dimension	171.8×98.8×38.6mm
Display Dimension	96×32mm
Installation hole Dimension	165×85mm
Cooling Method	Natural air cooling
Weight	260g
◆ Electric specification	
Rated voltage	12~24VDC±10%<150mA @ 24VDC
Withstanding voltage test	500V AC 1minute(between signal and GND)
Insulation resistance	Over 10M ohm @ DC500V (between signal and GND)
◆ Ambient Requirement	
Operation ambient temperature	-10℃~60℃
Operation ambient humidity	20~90% (no condensation)
Storage temperature	-20℃~70℃
Anti-jamming test	Voltage 1500Vp-p,pulse period 1us, continuing 1s
Vibration resistance	10~25Hz(2G for 30 min, in any of X,Y,Z axis)
Degree of protection	IP65 (the front panel)

## User-defined Function

SH300 offers a wide-open system information menu. User can redefine the system information menu freely. The menu can be edited with other language. meanwhile you can change the position of the text according to your demand. User-defined window shows as follows:



## Unique language Editor

SH300 offers wide-open multi-language menu. which makes it possible that you can define the system information menu roundly. you can edit the system information menu with many country languages for example Chinese、 English、 Japanese、 Korean、 French 、 German 、 Spanish etc.

The SH300 LangEditor is a very characteristic language editor, it supports user to edit the menu with many country languages. The LangEditor software window shows as foiiows:

