

# TEMPERATURE CONTROL MONITORING SYSTEM

Model: YC-617

## Features

- Simultaneously support for six temperature sensors, and one temperature humidity sensor
- Multi-language selections. Assigned language installation is available
- Friendly touch-screen UI design
- Compact size device with 7-inch widescreen TFT high brightness color graphics and LCD display
- Real-time display
- Easy export to CSV Format
- Two alarm output setting (HI or LOW)
- Two sets manual digital output point (DO)
- Four sets digital input point (DI)

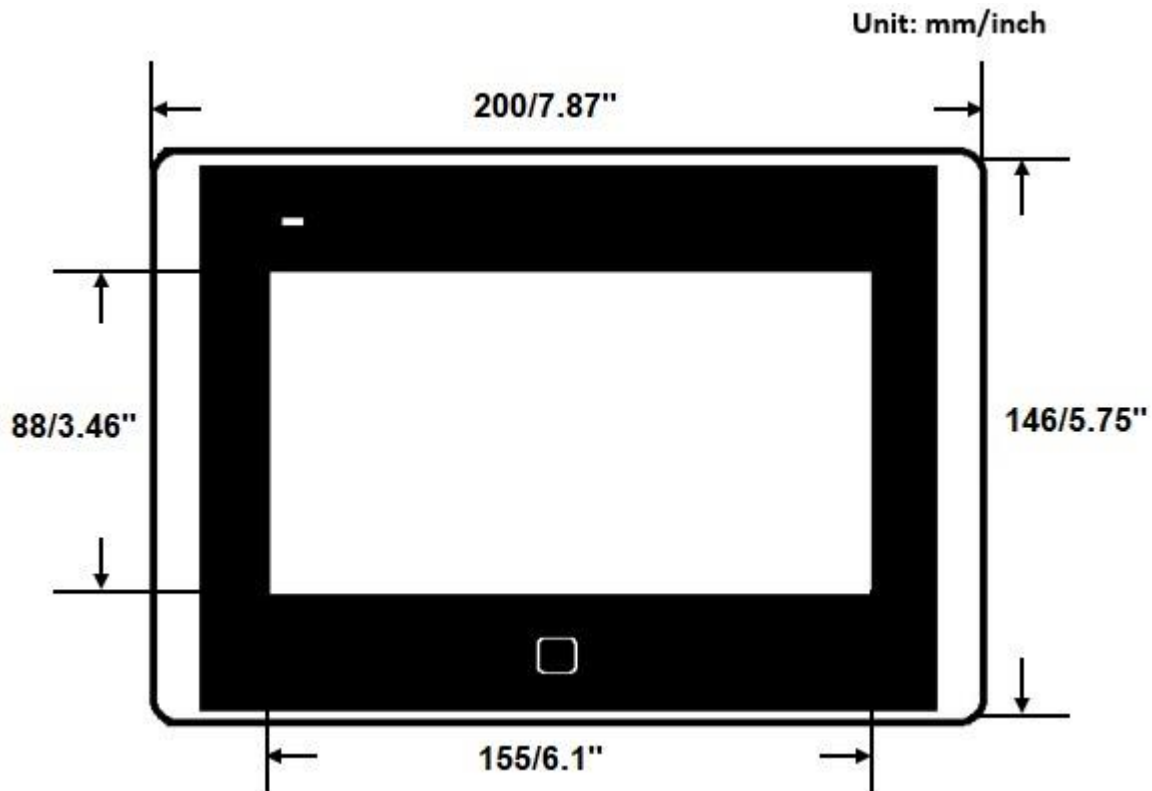


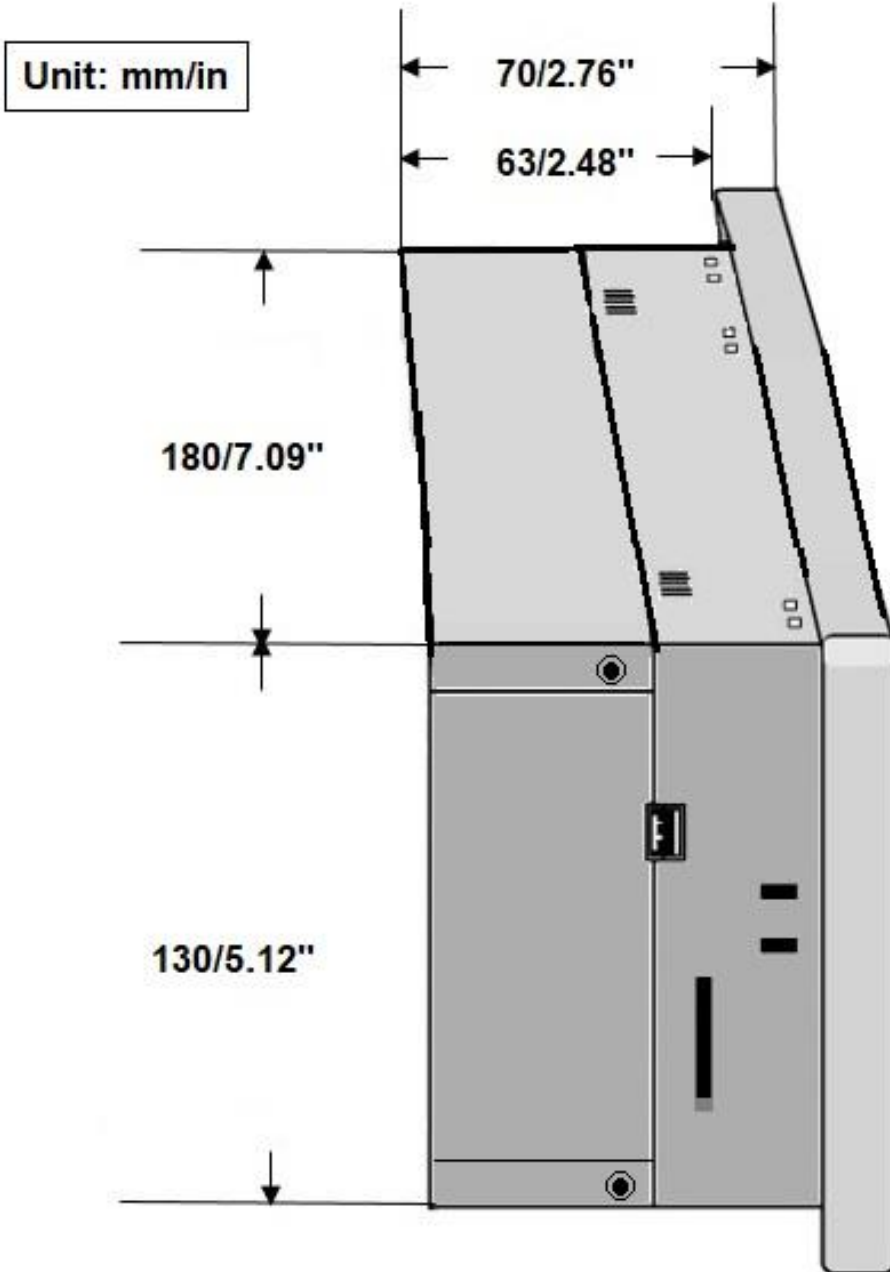
## General Specifications

Input	Temperature Sensor (6 ports)	Range: -100 ~ +300°C (-148 ~ +572°F) standard -200 ~ +600°C (-328 ~ +316°F) by option
		Accuracy: ±0.1%FS
		Sensor Type: PT 100Ω (3-wire)
		Resolution: 0.1°C
Input	Temperature Humidity Sensor (1 port)	Range: Temp.: -30 ~ +130°C (-22 ~ +266°F) Humidity: 0 ~ 100%RH
		Accuracy: Temp.: ±0.5°C Humidity: ±3%
		Resolution: Temperature: 0.1°C Humidity: 0.1% RH
Digital Input (DI)		Port: 4 points NPN mode: DC0V, -8mA PNP mode: DC24V, 8mA
Output	Relay Output	Port: 4 points Output 1 & 2: Alarm output setting

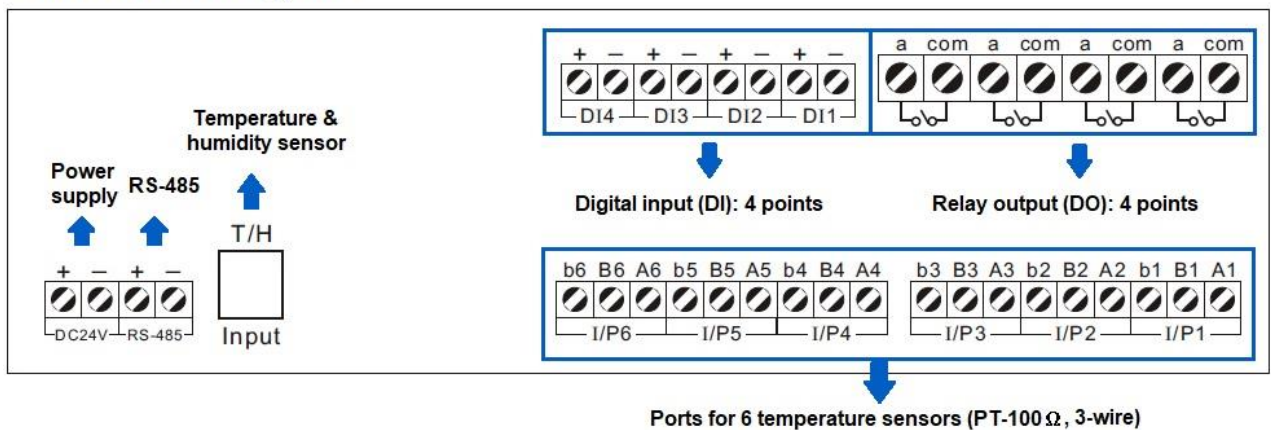
		<b>Output 3 &amp; 4: Manual digital output (DO)</b> <b>Contact capacity: 5A, 250VAC / 30VDC</b>
	<b>Communication interface</b>	<b>Modbus RTU mode (RS-485 )</b> <b>USB</b> <b>Ethernet</b>
<b>Dimension</b>		<b>Panel: (L)200 x (W)146 mm</b> <b>Display: (L)155 x (W)88mm</b> <b>or 7-inch TFT, color depth: 65,536</b> <b>Whole Device: (L)200 x (W)146x (D)70mm</b>
<b>Standard Accessories</b>		<b>Operational Manual</b> <b>AC( 100V to 240V ) to DC 24V adapter</b>
<b>Option Accessories</b>		<b>Customized temperature sensor up to 6 pcs</b> <b>Temperature and humidity sensor x 1</b>
<b>Screen Lock</b>		<b>20 minutes by not touch the panel</b>
<b>Weight</b>		<b>1.2 kg</b>

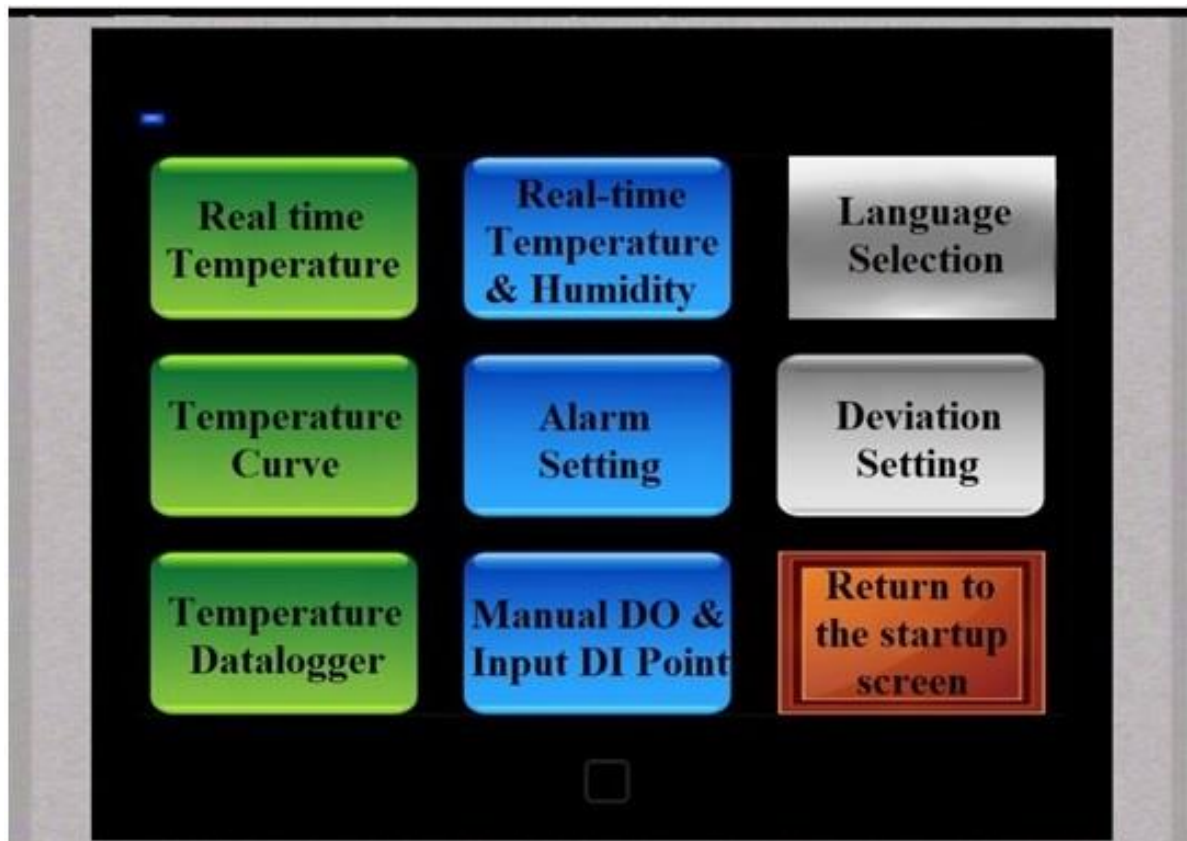
## Dimension:





### Connection Diagram





Function Page

## Function Page

1. Real-time Temperature
2. Temperature Curve
3. Temperature Datalogger
4. Real-time Temperature & Humidity
5. Alarm Setting
6. Manual DO & Input DI Point
7. Language Selection
8. Deviation Setting
9. Return to the Startup Screen