

JTC-x40 Series Multi-function LED Display

Customization! Display process values from various transmitters



MIT
Made In Taiwan

Modbus



JTC-x40 Series come equipped with a wide range of large LED displays can be easily viewed from across a room or in dark areas. The 4" LED segments are available in red and green.

JTC-x40 Series has multiple inputs and optional output to meet most applications.

Features

New Remote Configuration Parameter

JTC-X40A-WL with JETEC remote APP, it can make configuration remotely. Connection smart phone with the device, customer could revise the Device name, alarm limit, LED color change limit, offset value and so on.

▶ Color Distinguish

High illumination of duotone Red / Green LED.
2 steps of color changing function for reminder.

▶ Multiple Inputs

Temperature, Humidity, CO₂, CO, O₂, Count, Time, Voltage, Current...etc.

▶ Various Functions

JTC-x40 Series offer various output options.
(Relay, RS485, 4-20mA...etc.)

▶ Warning Function (Color)

When the detect value is higher or lower than the alarm point, the character will alternately flicker red /green.

▶ Light Weight, Structural Stability

Super light body. Even with the double-sided display, the thickness barely only 50mm

▶ Obvious At A Glance

With 4" high of red/green duotone LED, make the display easier to read from the distance up to 50m.

APP Function

iOS / Android



Jetec Remote is the best assistant of this Multi-Function LED display **JTC-X40A-WL**. You can easily complete configuration with Jetec Remote without moving the fixed large display.



Parameter saving

Store multiple sets of parameter setting list for different environment or instruments



Load configuration

Load saved configuration and copy to another device.



Password Protection

Avoid to revise the setting mistakenly



Data Logging (JTC-X40-WL-D)

Recording interval could be adjusted, and the recording number could be up to 6000.



Export (JTC-X40-WL-D)

Download recording-Data could be exported as .csv or PDF file



Graph (JTC-X40-WL-D)

Logging data could be shown as graph and detail data list



Only available for version above IOS 9.0 and Android 5.0 (not available for iPad and tablet)

※This APP doesn't support Root Android device



Applications

- Public institutions
- Schools, Offices
- Industrial processes
- Warehouses
- Banks
- Bus And Railway Stations, Airports
- Hotels, Restaurants

Specifications

Standard Input Sensors

Type	Range	Accuracy	Resolution	Digit
Temperature	-10~65°C	±0.5°C	0.1°C	3-digit
Humidity	0~99%RH	±3%RH	1%RH	2-digit
CO2	0~2000, 3000, 5000 ppm	±(75ppm ±5% of measured value)	1ppm	4-digit

Available Input (options)

Input signal	Type
RTD	Pt100, Pt1000
Thermocouple	Type J, K, T, R, S, N, E
4-20mA, 0-10V, 0-5V	Temperature, Humidity, Wind speed, Wind direction, Rainfall, Barometric Pressure, PM2.5, PM10, CO2, CO, O2, O3, NH3, Light level ... etc.
Others	Time, Count

Electric Specification

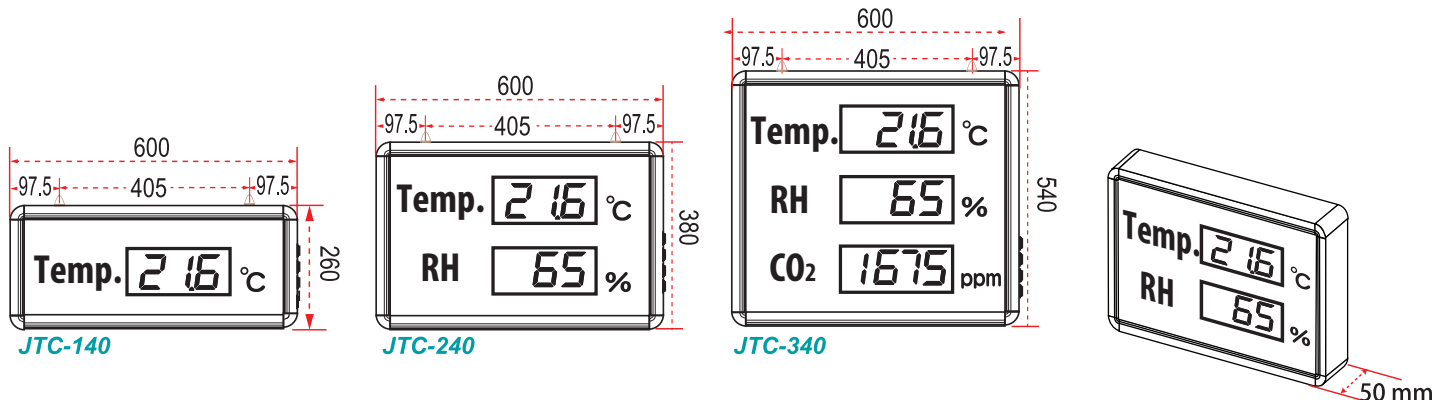
Power Supply	110~220V
Work Temperature	-10~65°C
Sensor Type	External Sensor with 1.5 meters cable (standard)
Dimensions	600×260×50mm(JTC-140), 600×380×50mm(JTC-240), 600×540×50mm(JTC-340)
Weight	2.62kg(JTC-140), 3.92kg(JTC-240), 5.41kg(JTC-340) (Not included sensors)

Additional Functions (Option)

Output Signal	Relay, 4-20mA, RS485 ModBus RTU, Wi-Fi
Buzzer	≥88dB at 30cm /12 VDC
Warning Light	Dimensions 95×95×155mm

*only "time display model" are available.

Dimension (mm)



Device selection

Model	Display type	LED	Alarm	Output	Additional	Description
JTC-140						Single-Line Display
JTC-240				---		Dual-Line Display
JTC-340						Triple-Line Display
	A					140-Temperature or Humidity 240-Temperature + Humidity 340-Temperature + Humidity + CO2
	D					Double display ※ Only JTC-140 one-color LED
	C					Other display types ※ See Table 1
		2				Two-color LED (red/green)
			R			none Relay
				WL		none Remote Configuration Parameter (Free APP)
				WL-D		Remote Configuration Parameter + Data Log (Free APP)
				M		Modbus 485
					I	none 4~20mA Output
					L	Warning Light
					B	Buzze
					W	WiFi Output ※ WiFi(W) and Modbus(M) Output only choose one

Table 1. Each model type display and order

Model	
JTC-140C	4-20mA / 0-5V / 0-10V Signal input
	Time
JTC-240C	Temperature + CO2
	Humidity + CO2
	Temperature + Time
	4-20mA / 0-5V / 0-10V Signal input
JTC-340C	Temperature + Humidity + 4-20mA
	Temperature + CO2 + Time
	Temperature + Humidity + Time
	4-20mA / 0-5V / 0-10V Signal input