

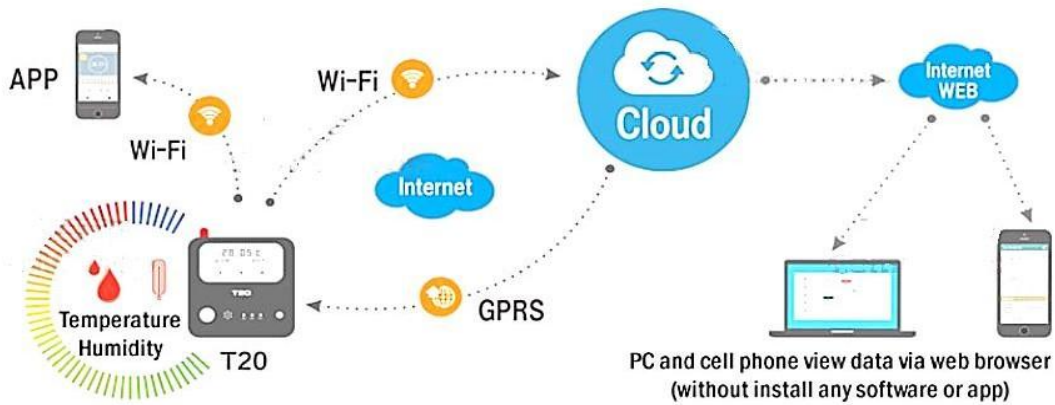
T20

Wireless
Temperature Humidity
Data Logger

Provide Cellular or Wi-Fi version



FEATURES



PC and cell phone view data via web browser
(without install any software or app)



Globe Estate, Plot No. C-9, Unit No. 225, 2nd Floor, M.I.D.C. Industrial Area, Phase-1, Near Tata Power House Co.
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Temperature Humidity Measurement

- Temperature measurement range: - 40 °C to + 80 °C (± 0.3 °C)
- Humidity measurement range: 0% to 100%RH (± 2 RH%)
- Support up to 2 temperature probes or 2 temperature & humidity probes
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Display

- OLED display screen
- Touch key switch menu

Data Logger

- Wireless record to Cloud, optional cellular or Wi-Fi version
- Memory data storage capacity: 15000 readings
- Automatically data store when network connection lost

Real-time Data Monitoring

- Login cloud via web or APP to monitor data
- Support export data form cloud platform
- Recover the stored to Cloud when connection is back to normal

Thermostat

- Inside 3 relays
- Temperature and humidity high or low interlock
- Programmable timer relay action

Communications Mode

- SMS (only cellular version support)
- Preset 10 authorized phone numbers
- Configurable alarm/recover SMS
- Query current value by SMS
- Control relay by SMS
- Remote setting by SMS
- TCP/IP connect
 - TCP/IP connect 4 internet servers (IP or domain)
 - Http post, NT I/O protocol
 - Real-time/logging upload data

Alarm

- Configurable temperature/humidity low and high level to alarm
- High-brightness red led light on panel Built-in alarm buzzer
- Power failure/recover alarm
- Support 2 wired inputs for alarm



OLED DISPLAY
Multiple pages display value, device status, network status



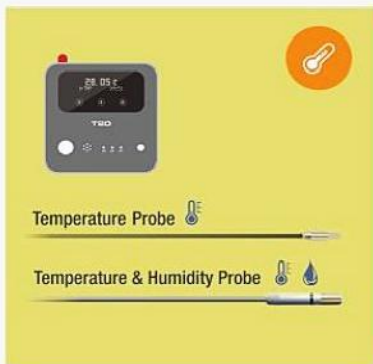
TOUCH KEYS
Turn display pages and confirm



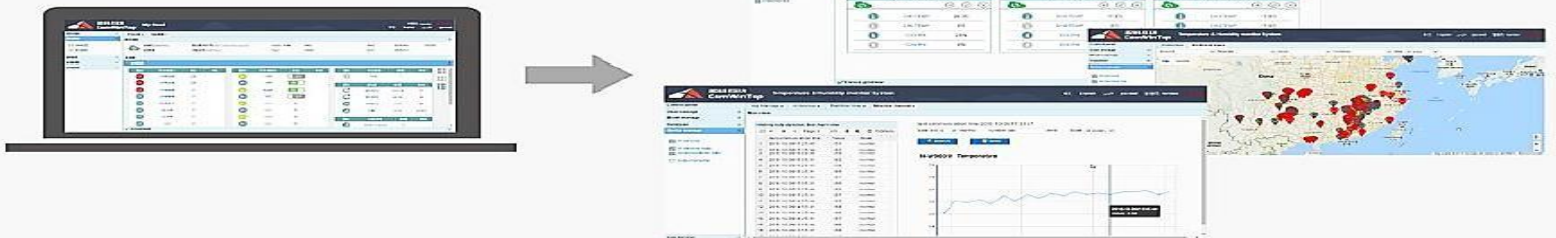
THERMOSTAT
Temperature control with 3 outputs



SOUND-LIGHT ALARM
LED light and inside buzzer for local alarm



Observe via Web on PC



Observe via APP on phone

Available on the APP STORE
Google play



Specifications:	
MCU	Cortex M3 32-bit ARM
Power supply	12V DC (Standard adapter: DC 12V/1.5A)
Consumption	12V input Max. 340mA
Temperature range	- 400 to + 80 °C (±0.3 °C)
Humidity range	0% to 100% (±2RH%)
Probe	Max.2 (standard packing: 1 probe) Option: temperature, temperature & humidity probe
Wireless Network	Either GPRS (or 4G, need sim card) or Wi-Fi (Not need sim card)Option: GSM/GPRS (4 band 850/900/1800/1900Mhz) FDD LTE(4G) Wi-Fi, 802.11 b/g security WEP/WPA/WPA2
GPS module	Optional for 4G
Antenna interface	Standard SMA female interface (50Ω)
Working temperature	- 30 °C ~ +70 °C
Working humidity	Relative humidity 95%
Display	OLED
Key	Touch
Digital input	2 channel
Digital Output	3 relay output (NO), DC220V 2A/AC 125V 2A
Alarm light	Red LED light
Alarm sound	Inside buzzer, Loudness: 85dB
Config port	Mini USB, (windows)
Battery	lithium-polymer, 500mAh/3.7V, life:6 hours
Dimension	130x130x20mm
Weight	265g
Housing	Aluminum front panel, back case ABS