

T20

Wireless
Temperature
Humidity
Data Logger



Temperature/Humidity Monitoring
FOR COLD CHAIN SECURITY



REFRIGERATOR
FREEZER



REFRIGERATED
VEHICLES



FOOD PROCESSING



FOOD STORAGE



PHARMACY
STORAGE



DATA
LOGGER



TOUCH
KEY



OLED
DISPLAY



SMS
OPERATION



GPRS
TRANSMISSION



Wi-Fi



A/C
CONTROL



POWER LOST
ALARM



SOUND-LIGHT
ALARM



PROGRAMMABLE
TIMER




APP
STORE



PC
SOFTWARE

 OLED DISPLAY
TEMPERATURE AND HUMIDITY

 TOUCH KEY
SWITCH DATA DISPLAY

 LED ALARM LIGHT
HIGH-BRIGHTNESS RED LIGHT

 METAL AVIATION PLUG
FOR TEMPERATURE PROBE

 INPUT AND
RELAY OUTPUT TERMINALS

 USB PORT FOR
CONNECTING PC SUITE

 POWER ADAPTER
CONNECTOR



 SIMCARD SOCKET

 INSIDE TEMPERATURE
AND HUMIDITY SENSOR

DATA LOGGER

- ▶ An inside temperature and humidity sensor
- ▶ An external temperature probe
- ▶ 4000 temperature record-set (auto rollback)
- ▶ Flexible data logging interval (1 minute up to 24 hours)
- ▶ PC software export records

SMS OPERATION

- ▶ Preset 10 authorized phone numbers
- ▶ SMS alarm when temp or humi out of normal range
- ▶ Control relay by SMS
- ▶ Query current value by SMS
- ▶ Send value by schedule
- ▶ Configurable alarm/recover SMS

GPRS COMMUNICATION

- ▶ TCP/IP connect 4 internet servers (IP or domain)
- ▶ Http post, Cwt_IO protocol, modbus tcp
- ▶ Realtime/logging upload data

Wi-Fi ACCESS

- ▶ Realtime/logging upload data
- ▶ View data on APP
- ▶ Control relay on APP

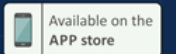
THERMOSTAT

- ▶ Inside 3 relays
- ▶ Temp and humi alarm/ultra high/low interlock
- ▶ Programmable timer relay action

SPECIFICATIONS

- ▶ Power supply: DC12V/1.5A
- ▶ Inside temperature measure rang: -40°C ~ +125°C, accuracy ±0.3°C
- ▶ Inside humidity measure rang: 0~100%RH, accuracy ±2%
- ▶ External temperature probe measure rang: -55°C ~ +125°C
- ▶ GSM quad-band, applicable worldwide, 3G optional
- ▶ Working temperature: -40°C ~ +70°C
- ▶ Relative humidity: 10-90%, No condensation
- ▶ Exterior dimension: 130×130×19mm
- ▶ All-aluminum panel

- ▶ 2 wired inputs for alarm, configurable alarm/recover SMS
- ▶ 3 relay outputs (DC220V 2A / AC125V 2A)
- ▶ Power failure/recover alarm
- ▶ Built-in lithium-ion battery (500mAh/3.7V) which can last 6 hours
- ▶ Alert buzzer and light
- ▶ Adopted highly integrated industrial ARM MCU
- ▶ Reliable performance with built-in double watchdog
- ▶ User programmable PC suite
- ▶ Low maintenance, 24×7 operation

 Available on the
APP store

 Google play