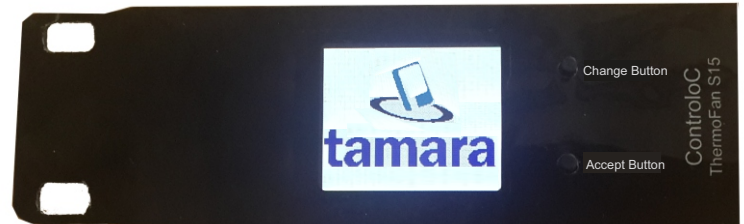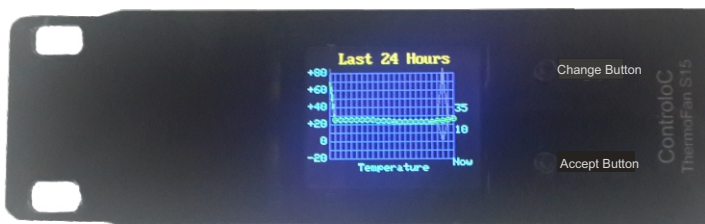# ThermoFan S15

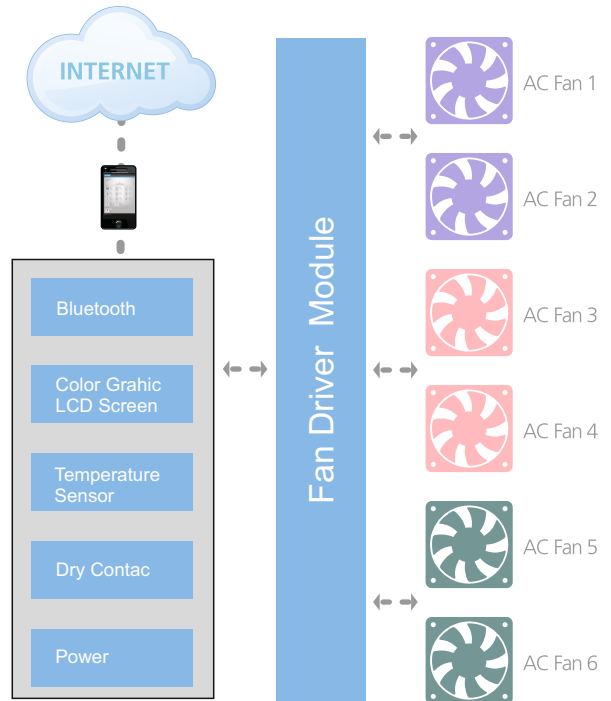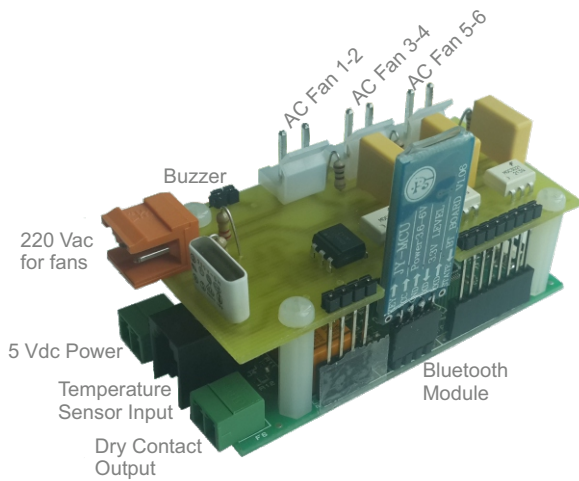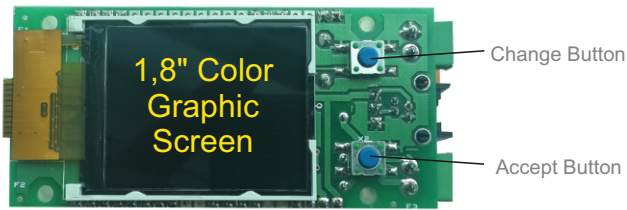## Digital Thermometer & Fan Control System



- Intelligent cabinet temperature and fan control system with an external temperature sensor from 25˚C to +85˚C with 0,1˚C accuracy.
- Alarm at defective fans
- 3 channel dimmer feature controls speed of 2-wired fans according to the temperature on the trays of 2 fans, 4 fans or 6 fans.
- It has real time date and clock.
- The logo and temperature are displayed on screen by turns.
- The last 24-hour temperature graphic can be displayed by pushing one button.
- Easy setting configuration by two buttons
- Bluetooth feature provides uploading new logo and data transferring opportunity
- Communication with Bluetooth and ID assign
- Supported by Android OS
- Structure for automatic data collection is available.
- Modular Bluetooth and Fan Control circuit

The last 24-hour temperature graphic can be displayed

1,8" Color Graphic Screen

Change Button

Accept Button

AC Fan 1-2    AC Fan 3-4    AC Fan 5-6

Buzzer

220 Vac for fans

5 Vdc Power

Temperature Sensor Input

Dry Contact Output

Bluetooth Module

INTERNET

Bluetooth

Color Grahic LCD Screen

Temperature Sensor

Dry Contac

Power

Fan Driver Module

AC Fan 1

AC Fan 2

AC Fan 3

AC Fan 4

AC Fan 5

AC Fan 6

| Feature | Description |
|---|---|
| Screen | 1.8" color graphic screen |
| Alarm | Integrated Buzzer |
| Sensor | Temperature sensor from −25℃ to +85℃ with 0,1℃ accuracy |
| Output | Dry contac output |
| Setting Configuration | Two push buttons |
| Power | 5 Vdc |
| Bluetooth | HC06 BT/UART |
| Fan Control | Triac |

## Dijital Sensors

## CC2005



### External Temperature Sensor

External temperature sensor from -25˚C to +85˚C with 0,1˚C accuracy

**Bluetooth Communication**

•Transferring instant temperature values

•Transferring temperature values stored in memory

•Communicating with mobile phones

•Uploading/changing logo

•Providing secure communication