灰度科技
HUIDU TECHNOLOGY

Product specification

Full color multiple-function box

HD-S108

V2.0 20190522

S108 is a full color multiple-function sensor box that integrates temperature, humidity, brightness and remote control，Connected to the LED display control system,The ambient temperature and humidity can be displayed on the LED display，At the same time, it supports automatically changing the brightness according to the surrounding brightness environment change. In addition, the program can be paused and played and the program can be switched through the remote control.

Technical Parameters：

Working temperature	-40~85℃
Sensitivity - high \ medium \ low	**Get data every** 5s\10s\15
Standard wiring length	1500mm

Function list：

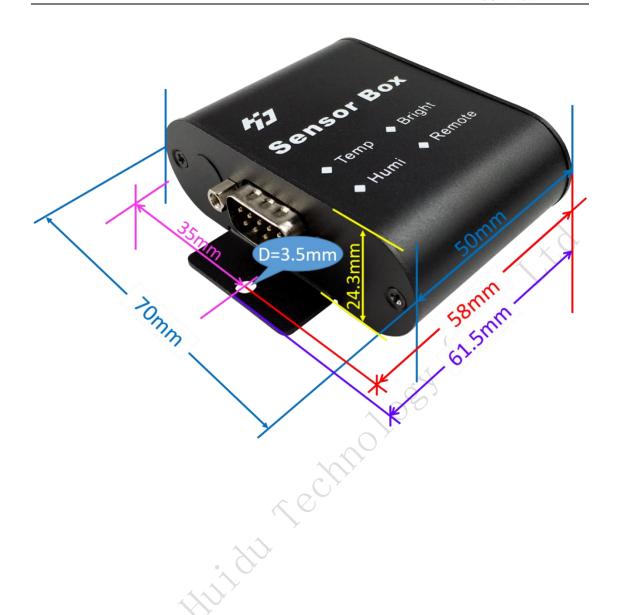| Temp	Monitor temperature and display on LED screen，Measuring range：-40℃~123.8℃
Humidity	Monitor humidity and display on the LED screen，Measuring range：0%RH~100%RH
Brightness	Automatically change the brightness of the LED display according to the brightness change of the environment，Adjustment range：1%~100%
remote	Realize remote control of switching programs, program pauses and play.

Appearance description：

Running light：flicker—work；not bright—Not working（check the cable if it is reversed connected.）；Press the remote control and it will flash.

Remote control receiver： remote control is for switch on and off screen, program selection, brightness adjustment, screen test etc.

Temp/humidity：Sensing the temperature/humidity of the environment.

Brightness sensing：Sensing the brightness of the environment automatically adjusts the brightness of the display. The daytime light is strong, the screen is brighter; the night light is weak, the screen is dark.

Size：

Cable interface description

The serial port connector, as shown below, is connected to the S108 box.

The three-in-one interface, as shown below, has higher compatibility and supports the connection between the play box and the old version control card.