

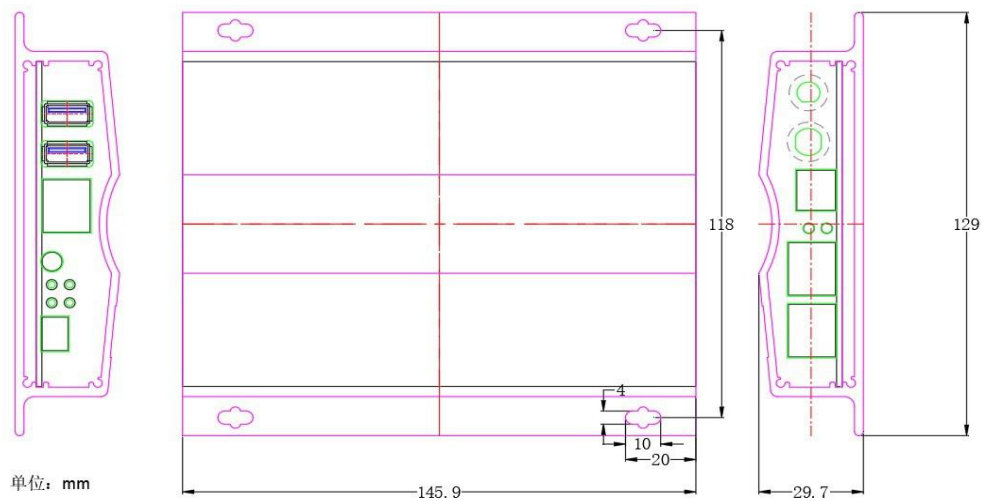
MYB300 Asynchronous Box Specification

First, the function introduction

MYB300 is an asynchronous box designed by mooncell for advertising machine, door screen, small fixed, transparent screen, mirror screen, car display, etc., with the following functions:

1. Have an onboard WiFi module for wireless communication.
2. Support AP mode, Tation mode
3. Support secondary development and support cloud platform control.
4. Built-in Web Server, support local web page production, support computer, iPhone, Android phone, tablet stand-alone version program editing, cross-platform system fully compatible.
5. Video hard decoding, support 1080P.
6. Support mainstream video, image format and text editing.
7. Dual network port super load capacity: 1.3 million, the widest support 1920, the highest support 1080.
8. Support full color static to 64 sweep module.
9. Conventional chip high refresh, high brightness, high gray level.
10. Comprehensive chip support: Supports the accumulation of a full range of driver ICs such as North, Riyuecheng and Mingyang.
11. Industrial grade onboard Flash: 8GB.
12. Support USB camera.
13. Support multi-function card R30E or R50 (5-way relay switch, can automatically sense external temperature, humidity, brightness, infrared and other probes).
14. Support receiving card storage parameters (used with T6 chip card).

Second, the external dimensions (unit: mm)



Third, product image and interface definition



Positive:



Interface definition:

【USB1】 USB-OTG ;

【USB2】 USB-HOST ;

【PC/NET】 Connect to a PC or wired network;

【AUDIO】 Audio output interface;

【DISP】 FPGA work indicator (red light), slow flashing at normal uniform speed;

【PWR】 Power power indicator (red light), normally steady;

【WiFi】 WiFi networking indicator (green light), the normal connection is slow and flashing at a constant speed;

【RUN】 The system running indicator (green light), the system runs normally and slowly at a constant speed;

【DC-IN】 DC5V3A power input;

Back:



Interface definition:

【1 LED-OUT 2】 Connect the receiving card to the Gigabit Ethernet port;

【OUT 2 OUT 1】 Receive card communication indicator, OUT1 communicates with the receiving card, the normal green light flashes, and OUT2 communicates with the receiving card normally, the red light flashes;

【SENSOR】 Connect to the R30E function card, which can be connected to infrared, temperature, humidity, and optical probe interfaces. It is used to measure the ambient temperature and humidity and automatically adjust the brightness of the screen according to the ambient brightness.

【WiFi antenna】 An external WiFi antenna enhances the signal;

Fourth, the working parameters

General parameters	
Working voltage (V)	4.5~5.5
Working current (A)	2
Maximum working power consumption (W)	10
Working temperature (° C)	-25~+70
Storage temperature (° C)	-40°C ~ 70°C, recommend 5°C ~35°C
Working environment humidity (%)	10% ~ 90%, No condensation
Size (cm)	145.9 (long) ×129 (width) ×29.7 (high)
Weight (g)	400

Five, standard packaging

Cloud controller 1PCS, power adapter 1PCS, antenna 1PCS, anti-static pearl cotton carton single package.

Six, matters needing attention

1. Please pay attention to waterproof and dust removal.
2. It is forbidden to disassemble the product by yourself
3. It is strictly forbidden to plug and unplug the antenna.