SYSOLUTION

Android Controller Y30

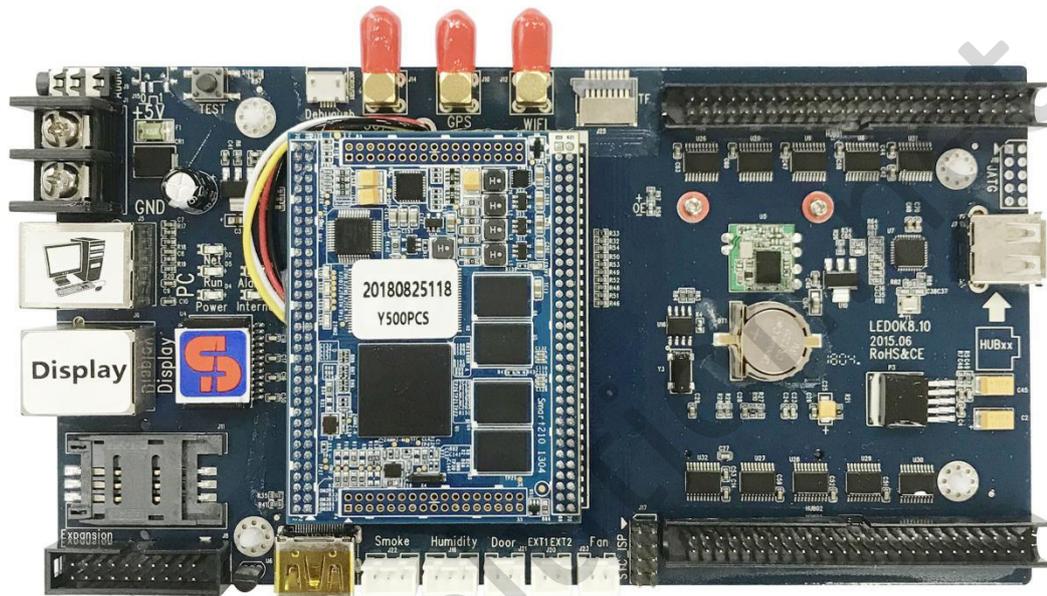## Specification

Ver.1.0   SYS/C3-0102000036

Update Record

No.	Version	Remark	Date
1	Ver.1.0	First Publish	1st ,NOV, 2018

Product Appearance

Y30 Controller

Functions

Y30 is the upgrade version of Y10, which must be worked with D90 serial receiving cards.

The configuration software is much easier, it mainly has the following characters:

1. Support non-linear editing.

2. Support video-hardware decoding

3. Support PCI-E 3G module .

4. Integrate with Wi-Fi module.

5. Support 1280*512 pix.

6. Support HDMI Video and Audio outputs .

7. Fast communicate speed, totally solve the 3G communication bottle-neck.

8. Support continue transfer from break-point, adopting database warehouse management for on board program so that could reduce data flow extremely and optimize storage space.

9. Supporting connecting receiving cards, refresh rate will self adapt to screen resolution. Adjust brightness to realize better display effect .

10. Possessing strong software, web-base multimedia publishing system AIPS, So that could manage all terminals.

Technician Parameter

Main Parameter of Y30

Type	Smart control card
Model	Y30
Pix	1280×512
3G/4G	Support
WiFi	Support
Screen type	Full color
Onboard Flash	1GB，expand to 32G by TF
Gray level	65536
LED module	Support random scan types within 32 scans,
Communication Ports	Ethernet/ U-Disk
Audio	Support
GPS	Support display in specific location
Camera	Support
Weather Report	Support
Read back	Support

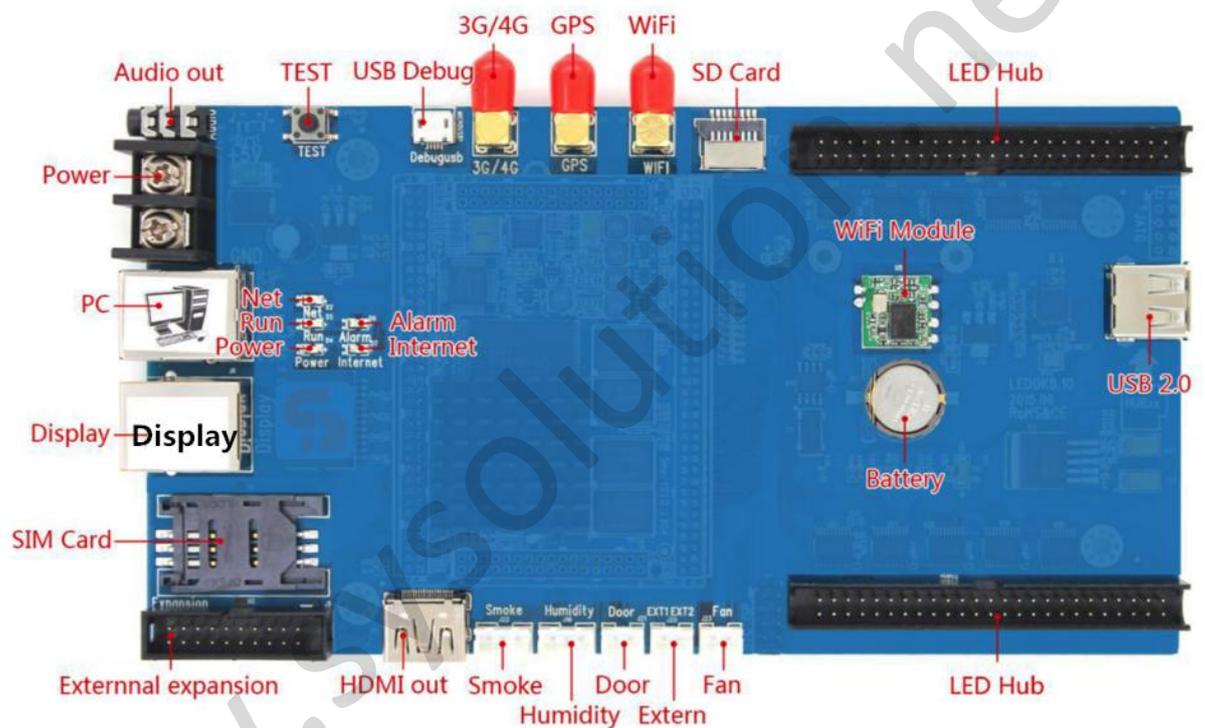|	
Display Content	
Display in Schedule	Support
Video Format	AVI,WMV,MPG,MOV,DAT,VOB,MP4,FLV
Animation Format	Support gif、,swf
Image Format	Support bmp、jpg、,gif、wmf、ico等
Text Format	Support txt、rtf
Text display	Single line , static and multi-line
Clock	Types of analog clock and digital clock
Timing	Timing and countdown
Software	WEB(www.m2mled.net)---AIPS Platform
Configuration Software	Easyboard/LedSet3.0
Receiving Card	D90 Series

Interface Corresponds to the Definition of Carrying Mode and Communication Mode

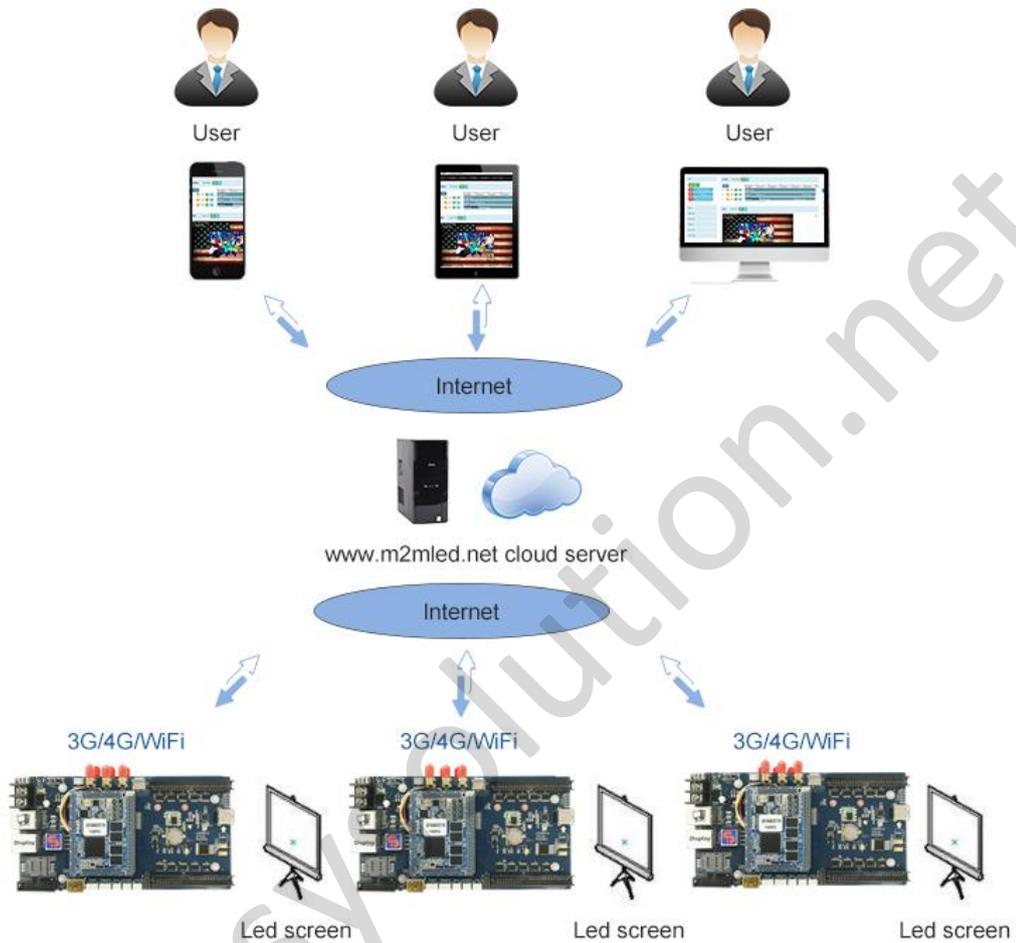| Controller Mode	Box Mode	Communication Way	Width and Height Carrying Way
Y30-WiFi	Y30-WiFi-Box	Ethernet Port 、U Disk 、WiFi	1280×512 Default Mode
Y30-4G	Y30-4G-Box	Ethernet Port 、UDisk 、WiFi、3G、4G	
Y32-WiFi	Y32-WiFi-Box	Ethernet Port 、UDisk 、WiFi	1280×768 or 640×896
Y32-4G	Y32-4G-Box	Ethernet Port 、UDisk 、WiFi、3G、4G	

Interface Port Introduction

Y30 is featured with a powerful functions, and the pix it can support are much bigger than the conventional ones asynchronous control card.

It also has many functional interface, Please see the diagram below to get a clear understanding. (Unlabeled   area is blurred out.).
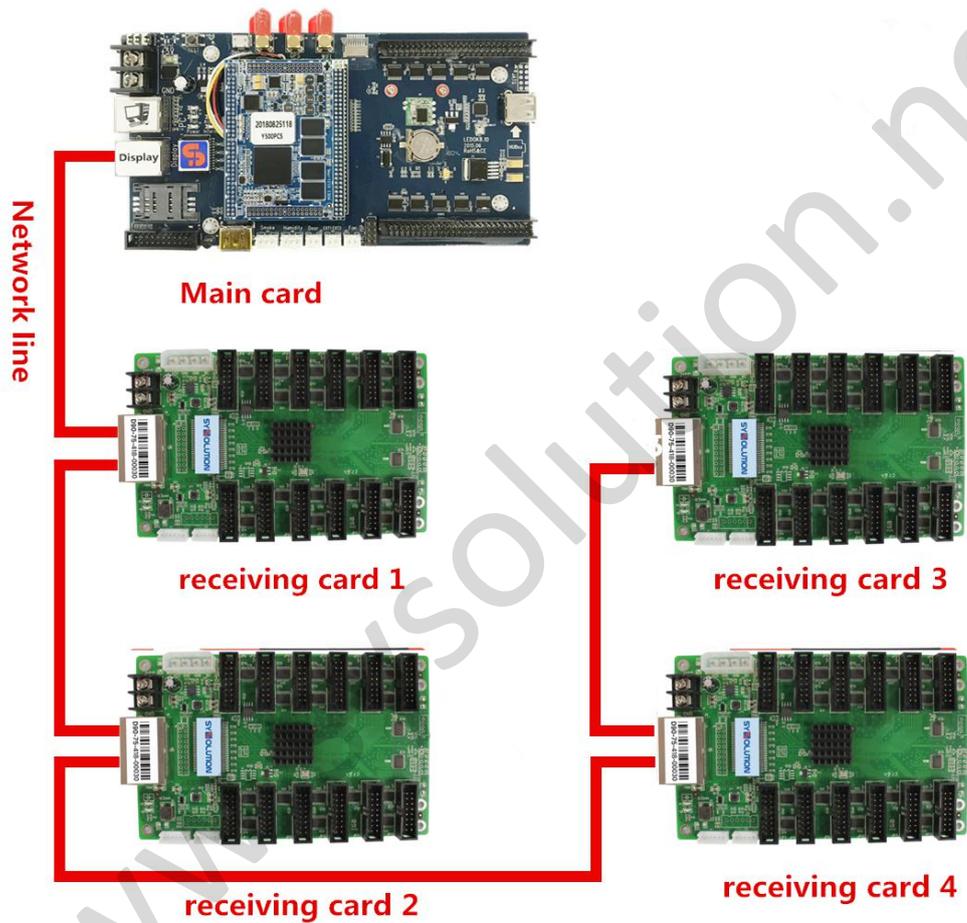
Y30 port diagram

Information Transmission Mode

Application diagram
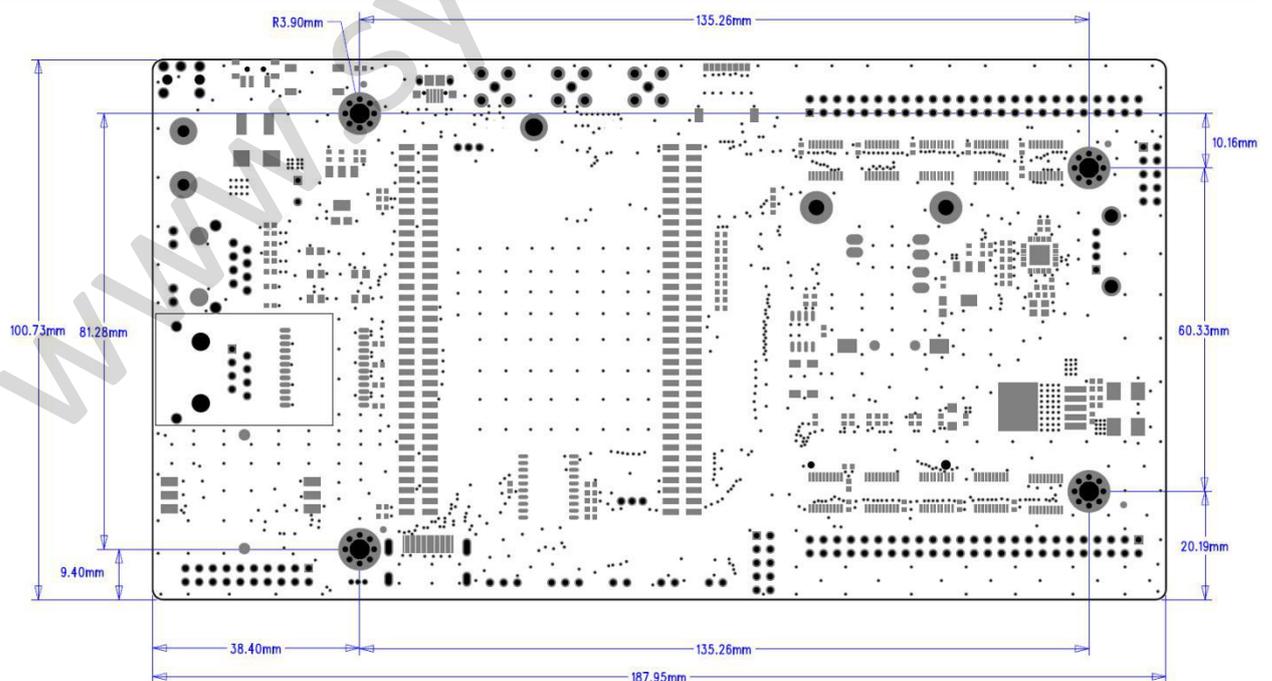
Connection Between the Main Card and the Secondary Card

Y30 主卡与接收卡的连接示意图

Operating conditions

General Parameter	
Working Voltage （V）	4.8～6
Max operating current （A）	2
Max Operating Consumption （W）	10
Working Temperature （℃）	－30～＋85
Size （cm）	17.5（长）×9.6（宽）×2.5（高）
Weight （g）	138

Dimension of Y30

Notes

1．Live Insert SIM card is strictly prohibited.

2．Live insert PCI module is strictly prohibited.

3．Live insert antenna is strictly prohibited .

4．Try not to contact the chip and pin on the

controller to prevent static electricity damage .