



Introduction of control system

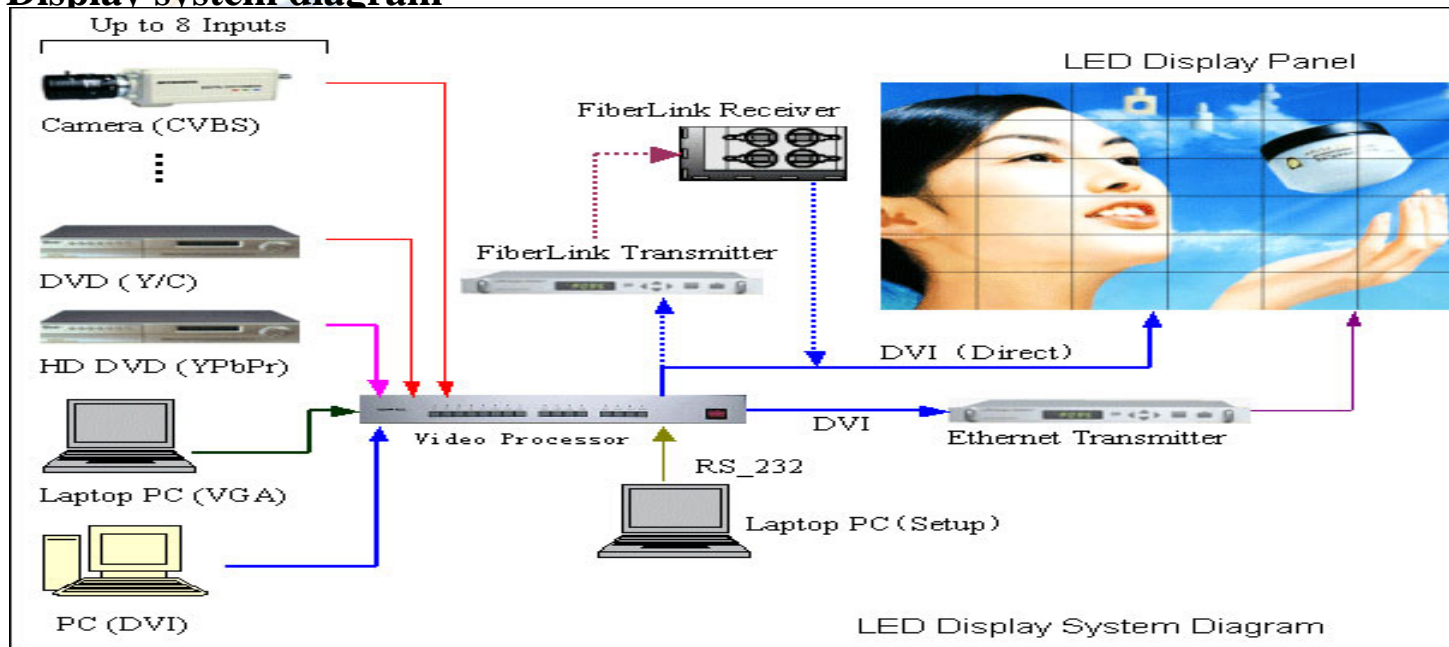
1. What is control system?

Control system is referring to a manage system that composed by control objects and control media.

2. Control system: display software+ DVI card + sending card+ receiving card + port lines + cables+ controlling PC

The operation of the control: (computer will control the screen through the control system. You will install software in the computer. After set up the parameter, when you display images or videos in computer, the led screen will play the same too. One screen can display several images or videos.)

3. LED Display system diagram

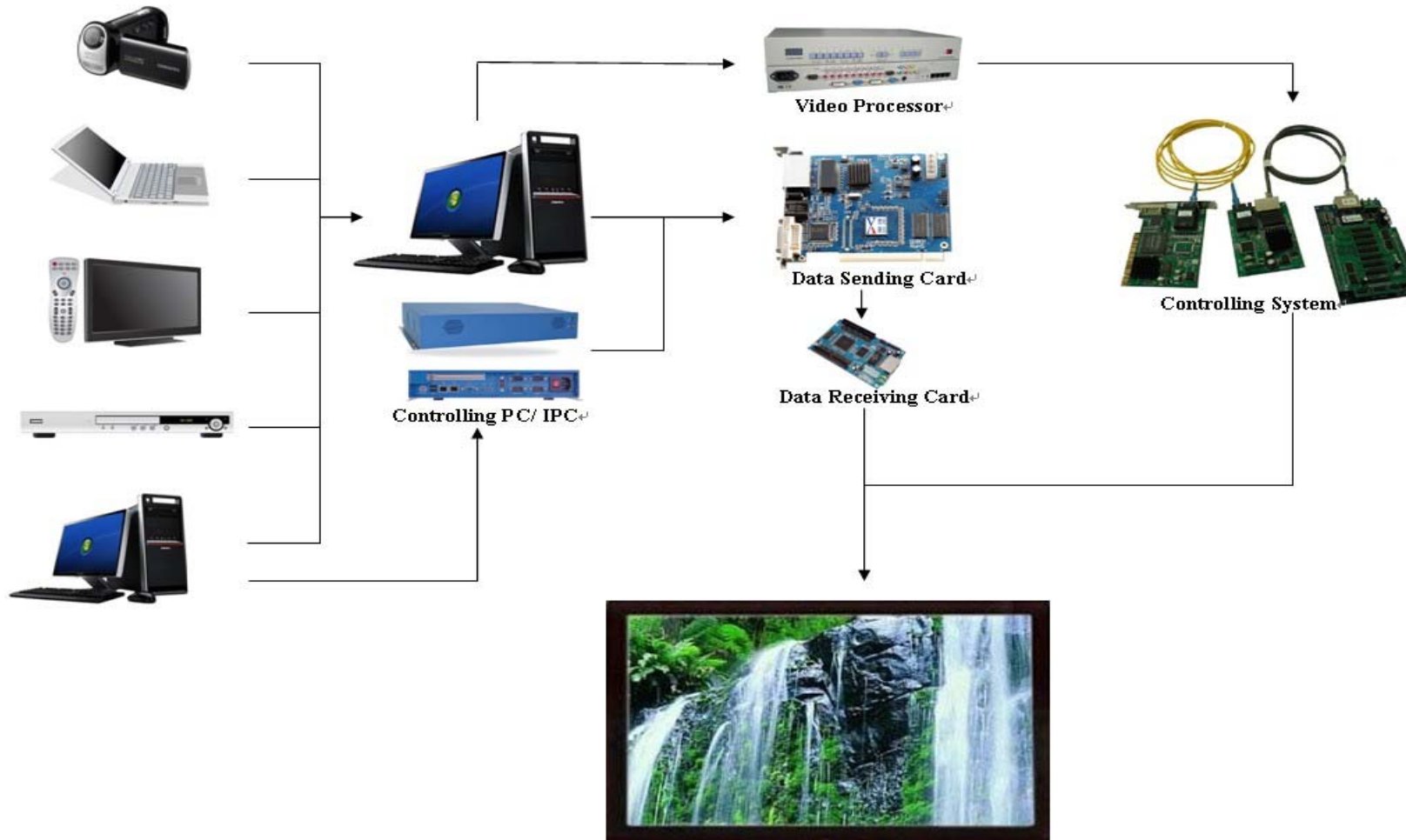


4. Control modes:

There are 2 kinds control modes. Synchronous control system/ Asynchronous control system

1> **Synchronous control system:** Synchronous control system refers to the controlling PC working together with the LED display. When the LED display screen system is working, the controlling PC must open and cannot be shut off.

Most common use control system: LINSN full color system, Linsn801 sending card + Linsn801 receiving card.





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2> Asynchronous control: system means when the LED display is working, the controlling PC can be shut off and has not further relationship with the LED display. The LED display can work independently since the data source have been stored in the control system and in addition, the program and relevant set up have been done

Most common use control system: Full color asynchronous controlling card: XIXUN M31:4096 degree gray grade;320X256 pixels controlling ability.



M31

Full color LED sign controller M31

5. Wire control or wireless control

1> Wire control:

This kind control is suitable for the control distance is less than 100meter, we will offer you 100m cables for free charge to connect the display with the control PC.

2> Wireless control

When the control distance is more than 100 meters, you can use wireless control, this kind control should use the Internet to achieve.

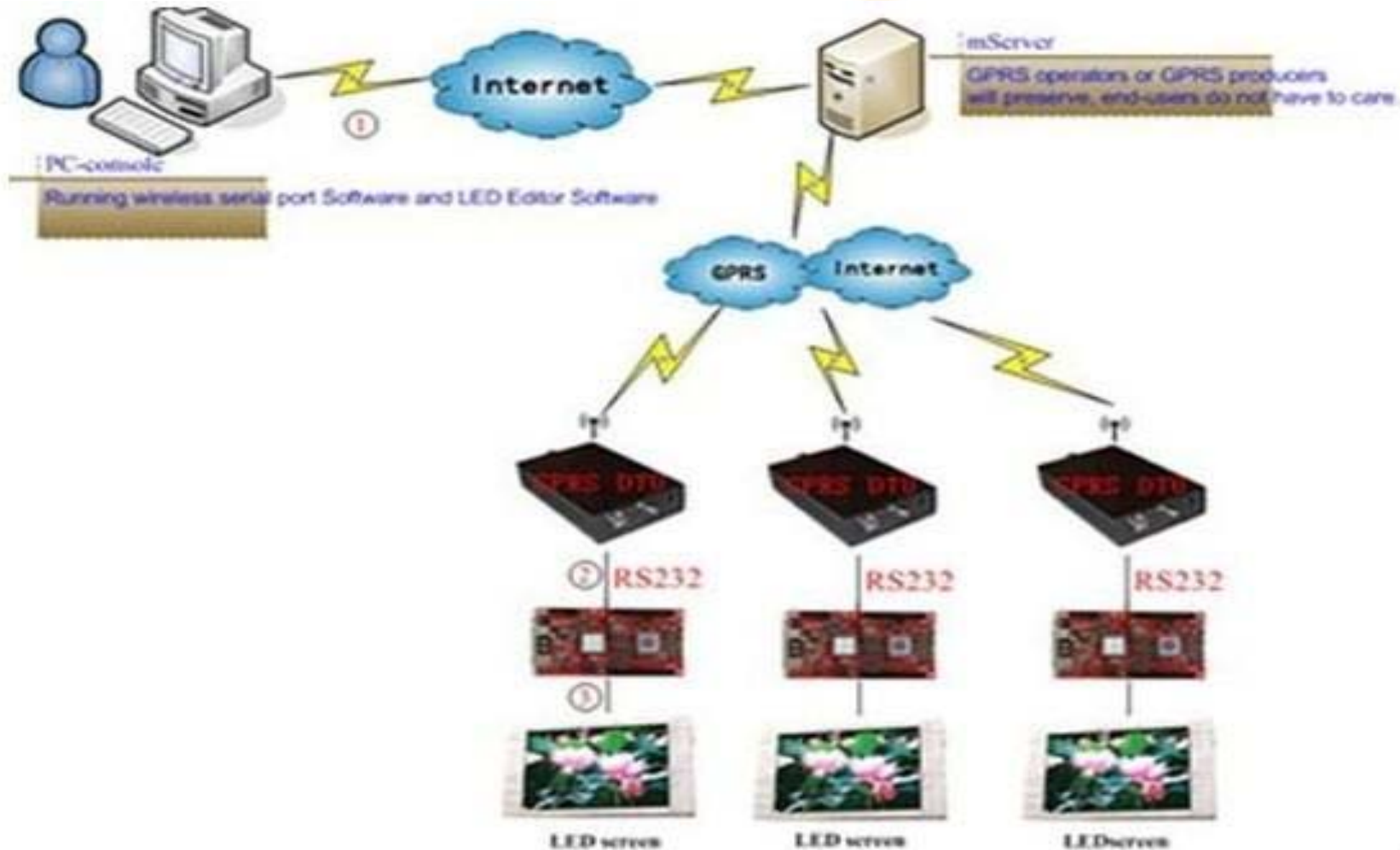
Here I introduce you 2 kind—GPRS wireless control and 3G wireless control.



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GPRS wireless control

- A. Connect PC with ADSL router by cable, inserting ADSL router into Internet by telephone line or in other ways.
- B. Connect control card with GPRS modules by serial port 232.
- C. Connect control card with display screen by HUB and flat cables.



3G wireless control

Traits:

Using 3G router Modem

Cheaper (users can choose Unicom WCDMS or Telecom EVDO)

The third-party platform unnecessary

Easy and reliable

