Shenzhen ERALED Optoelectronics Co., Ltd.

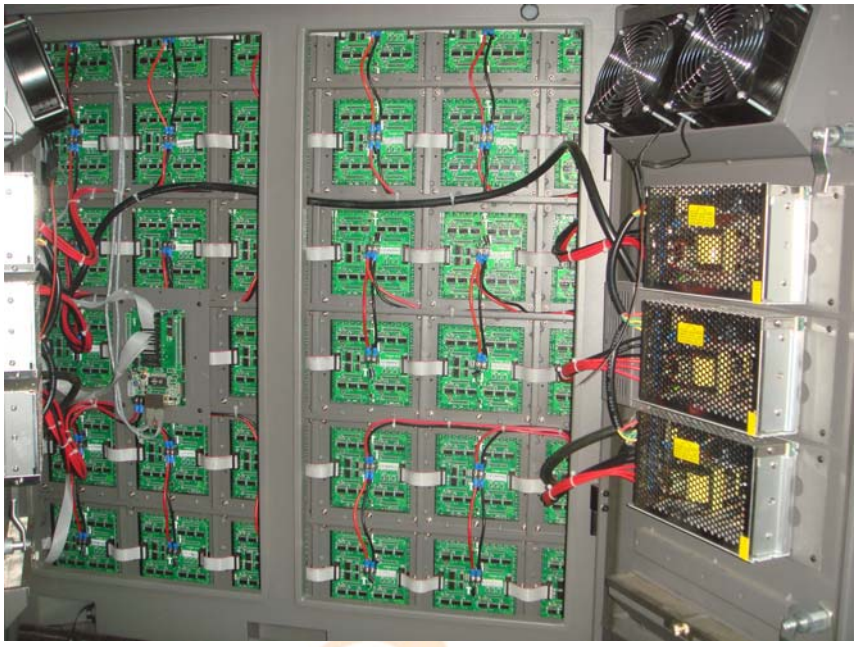
Operation Manual and the Basic Component of LED Screen

1. Wire Rod

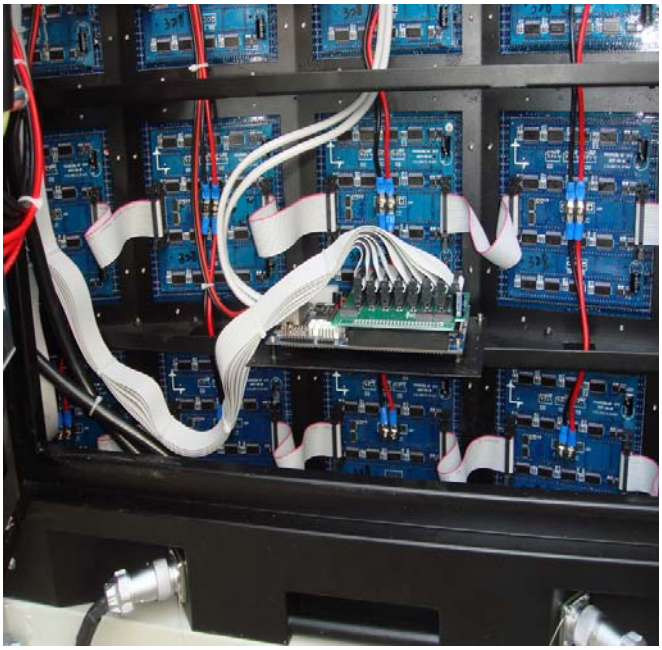
Name : Flat Ribbon with clip

Function : Signal Transmission

Location : Picture 1 and 2



Picture 1 : Flat ribbon is distributed between modules



Picture 2 : Flat ribbon is distributed between HUB card and each line of the first module

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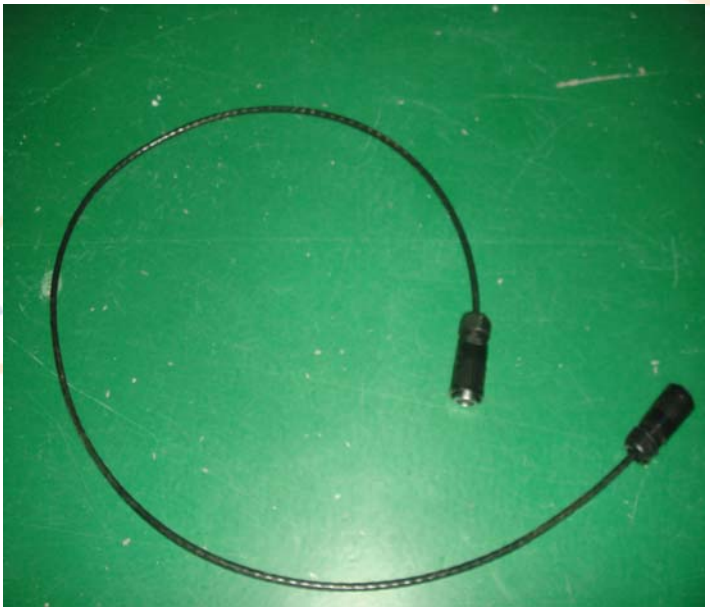
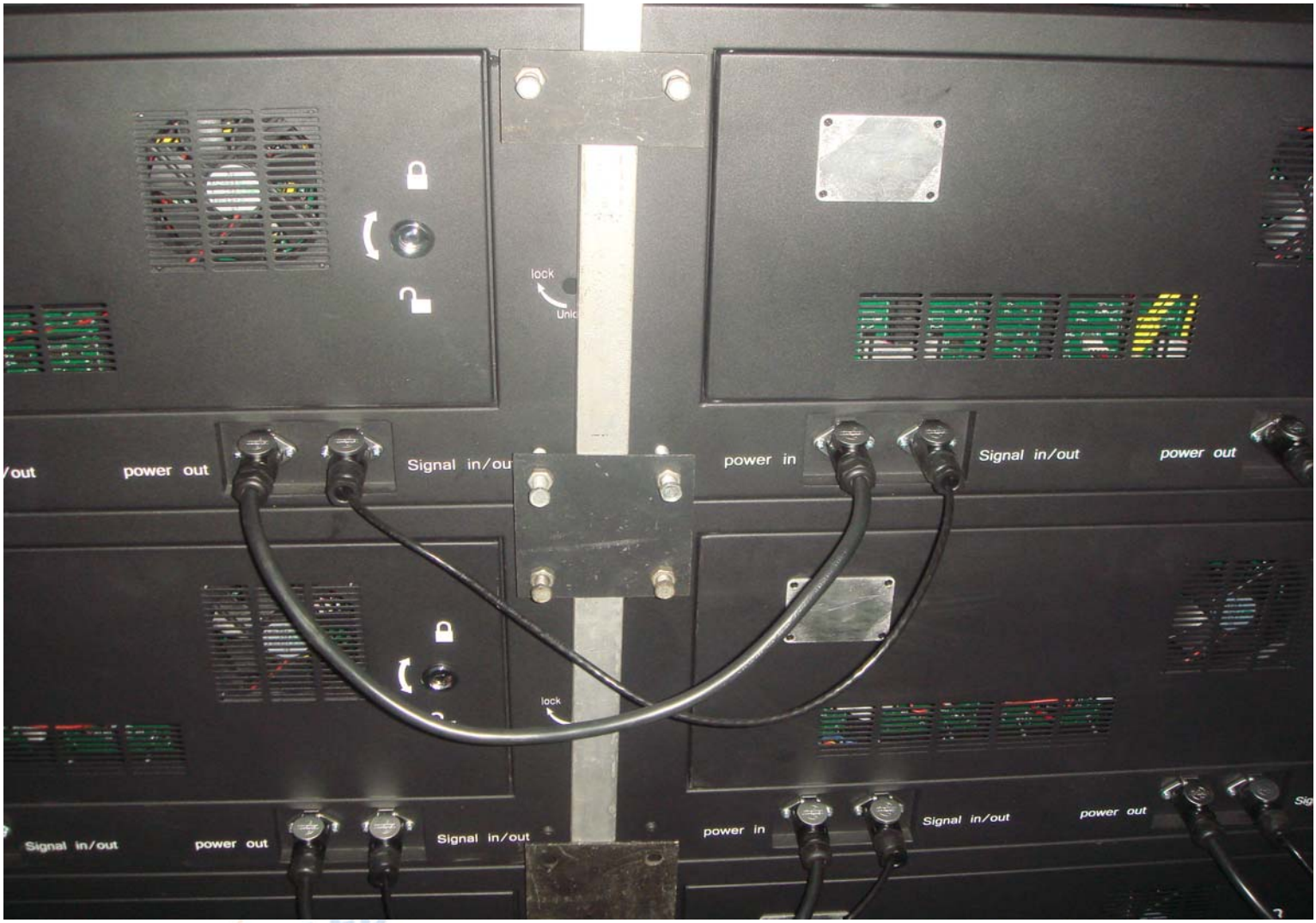
Power Cable



Data Cable



Connection of Power Cable and Data Cable Between Cabinets

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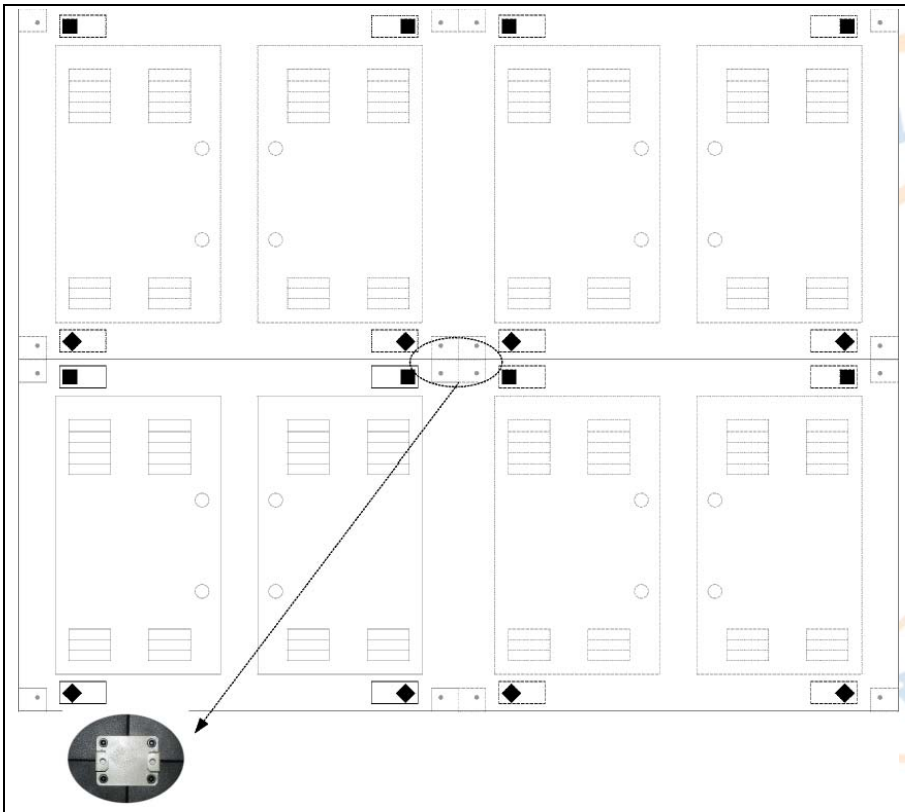
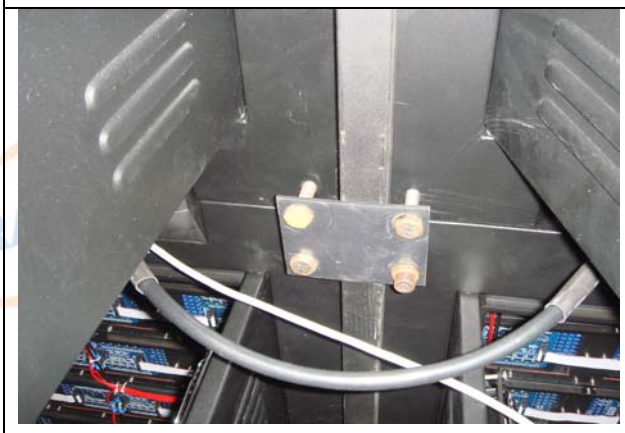
2. Connection of LED screen

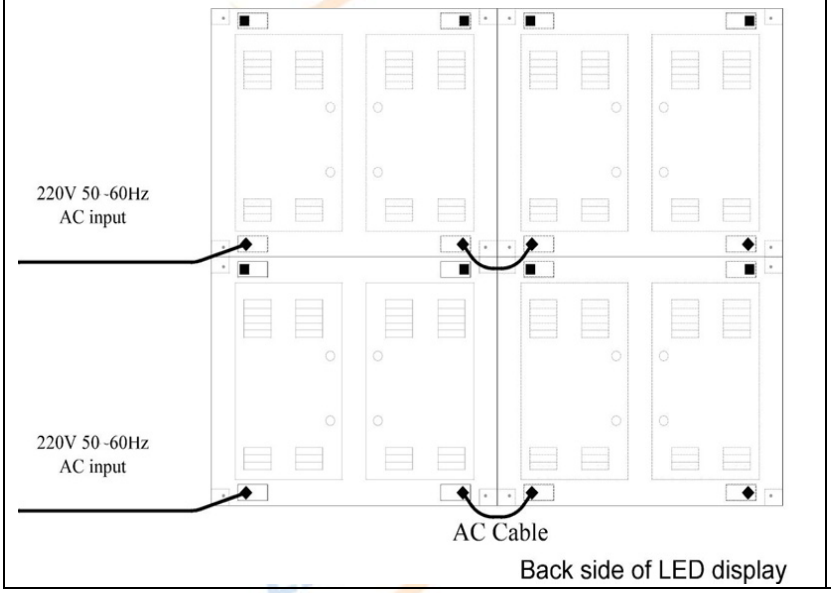
A. Guide of LED display mechanical installation

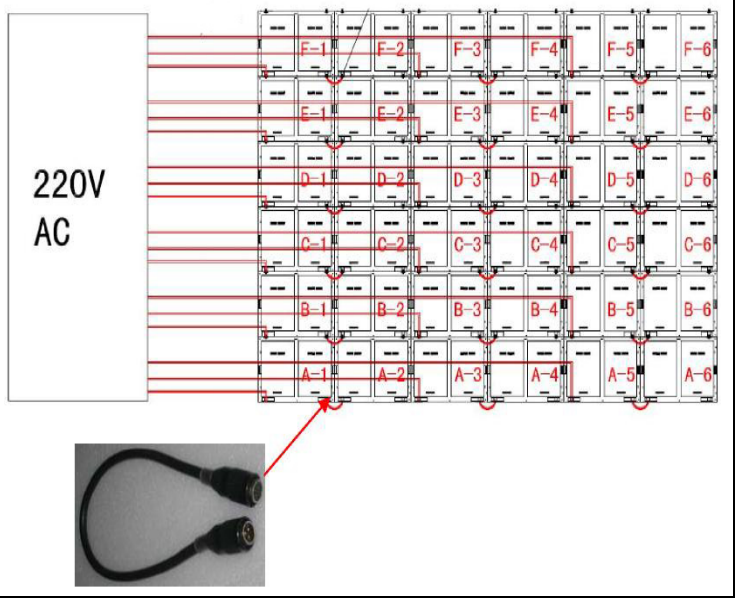


For combining cabinets and fixing the display to the structure(The dimension of screw is M10*20)



B .Connection of Power Cable





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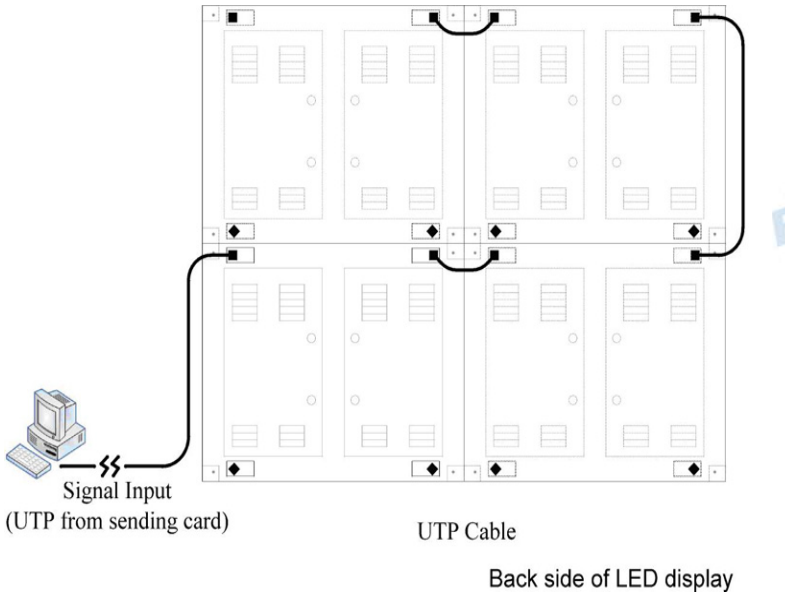
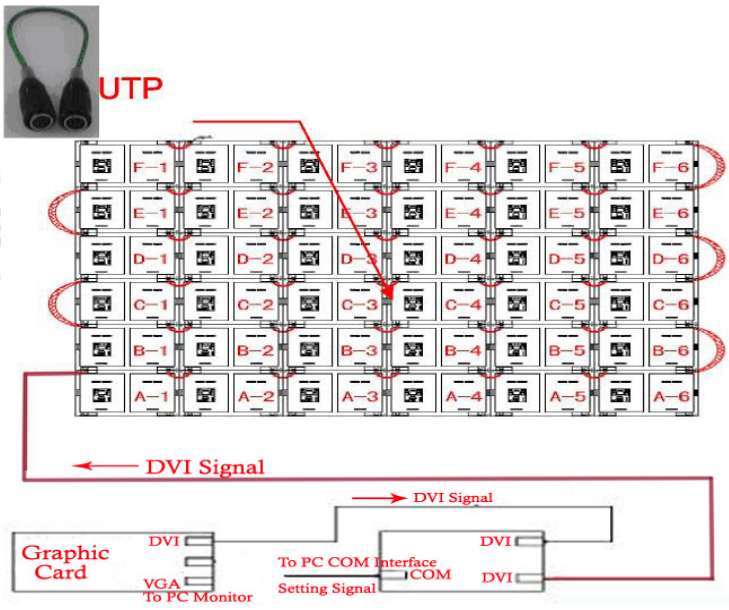
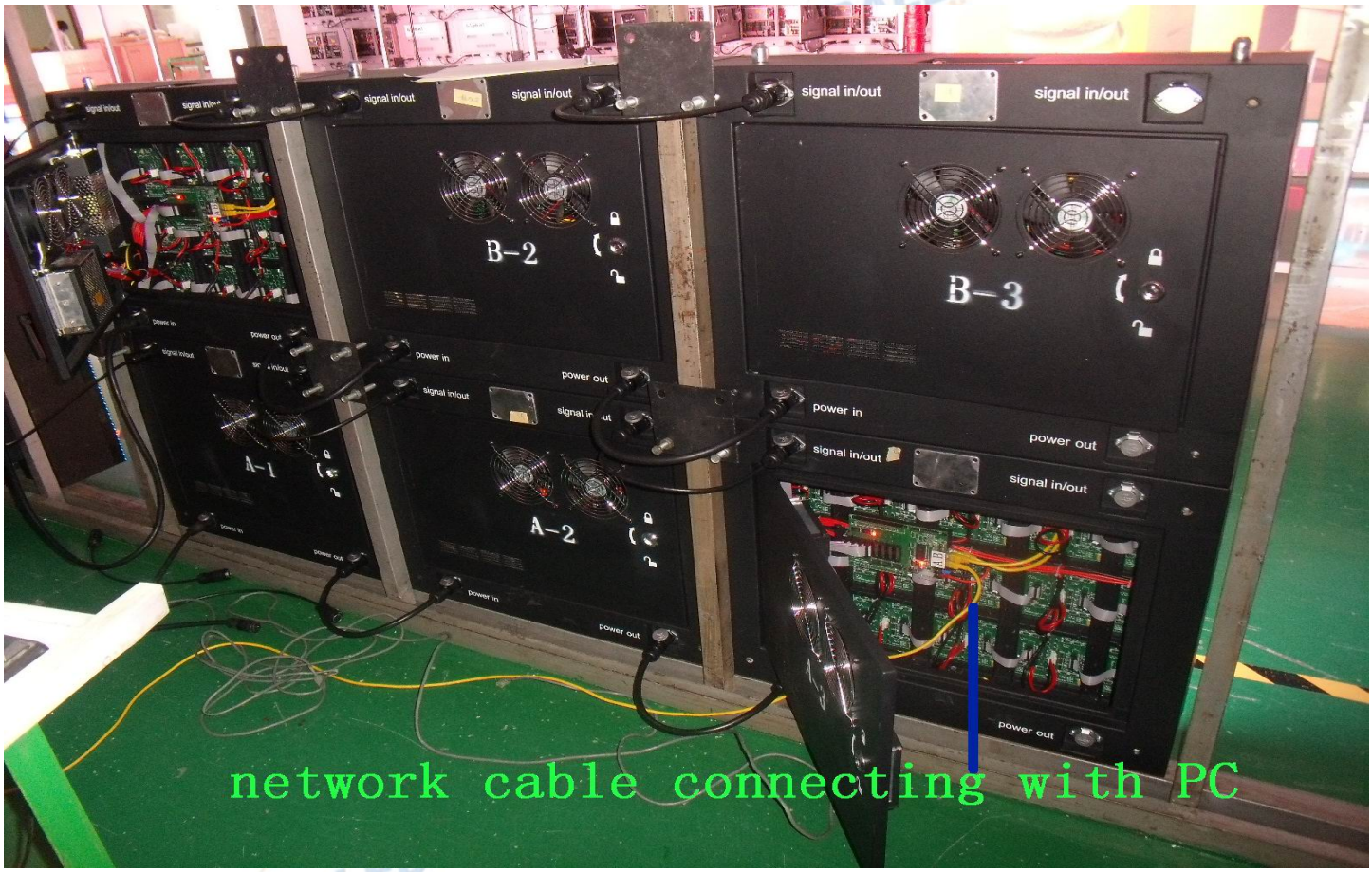
C .Connection of Data Cable





D .Completed Connection



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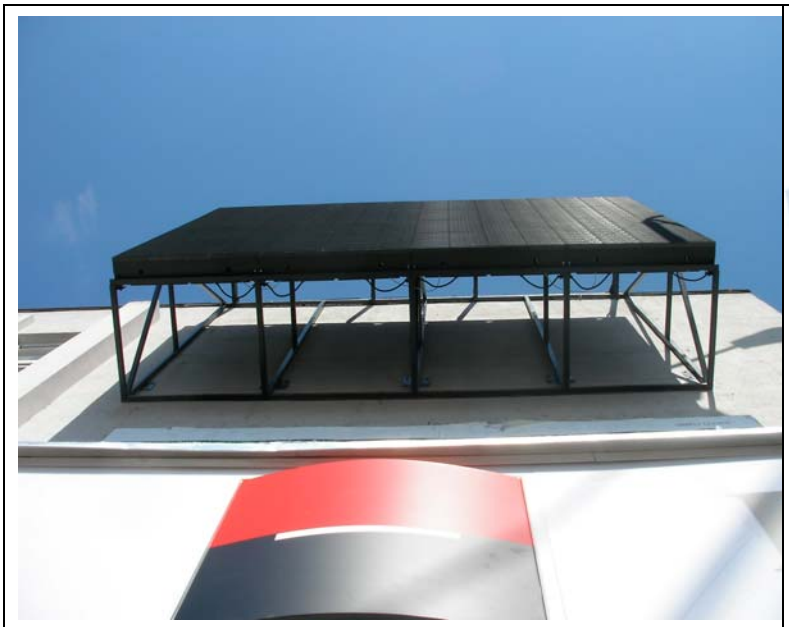
E .Different Installation Site (Steel Structure Shows)

	
Mounted on the wall	
Standing on the two pillars	embed into the wall

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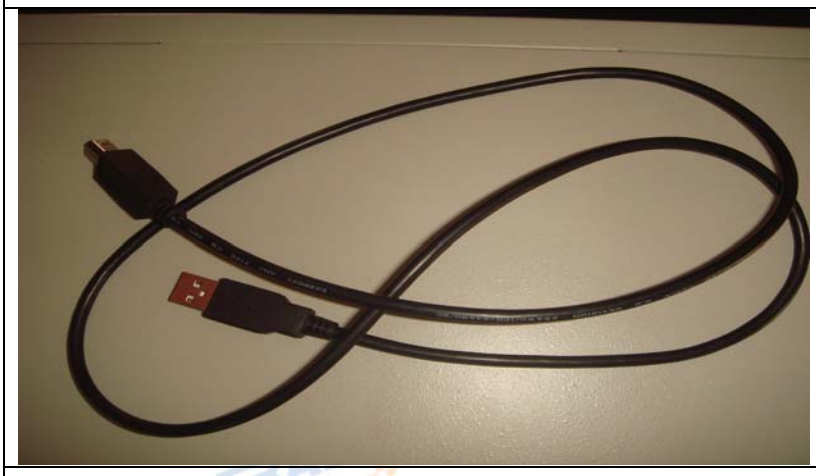
3. Control System Hardware and Connection

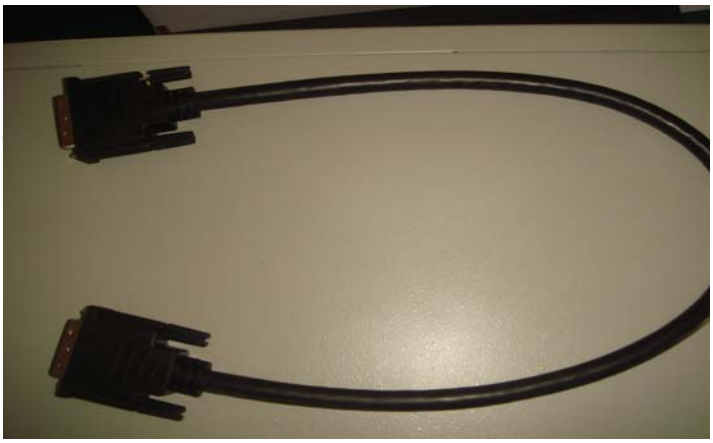
A: IPC (all related cables)

Power cable of IPC

VGA cable



USB cable



DVI cable

B. Location of Sending Card

Sending card is installed to IPC inside

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C. All Connection of IPC and Sending Card

Explanation :
1.Power cable is inserted into plug to provide power to IPC with sending card
2.VGA cable connects IPC and computer monitor
3.DVI cable connects IPC and sending card
4.USB cable connects IPC and sending card
5.Ethernet cable connects sending card and receiving card installed to the lower right corner of cabinet inside

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4. How to Eliminate System Failure on LED Screen

Failure 1:

Indicator lamps of sending card don't work normally. (Normal working status: Green lamp is blinking, Red lamp is constant light)

Solution and Analysis:

Check all cables related with sending card, such as DVI cable and USB cable .Signal can't be transmitted or interrupted because cables are loose.

Failure 2:

Finish all connection of hardware and all indicator lamps work normally, but LED screen is still black (not work).

Solution and Analysis:

Change new and short Ethernet cable connecting sending card and receiving card. Generally Ethernet cable we provide is 100 meters because it is too long or folded together so that signal is weakened.

Failure 3:

Program can't be edited and shown at the same time, for example: when you pull out VGA cable, LED screen is lit, but when you connect VGA cable again, LED screen is black.

Solution and Analysis:

Firstly close LED software .Secondly right click on desktop—choose Graphic options—output to—Internet(R)Dual Display Clone—choose Notebook Monitor. Pls see following picture:

There are common problems for your reference, hope it is helpful for you. if any assistance in the future, it is our pleasure to provide technical support to you and give you exact solution according to your specific issue.

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