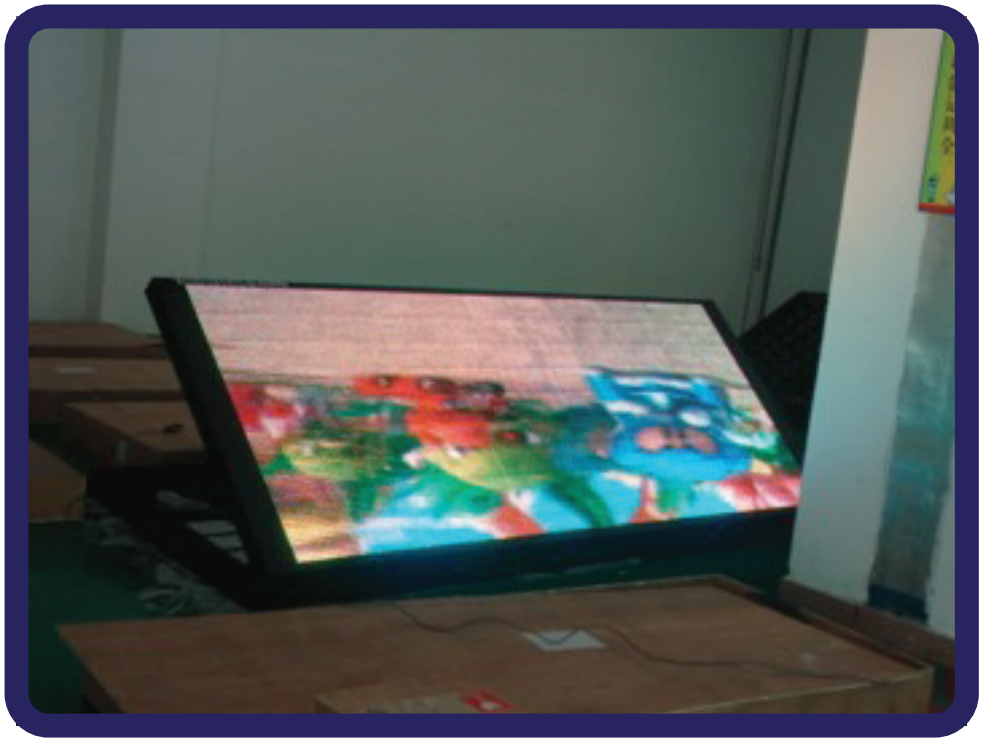
TECTONIC LED CORP.

ISO 9001:2000 Products RoHs Compliance

Outdoor Sign Maintenance Instruction Manual



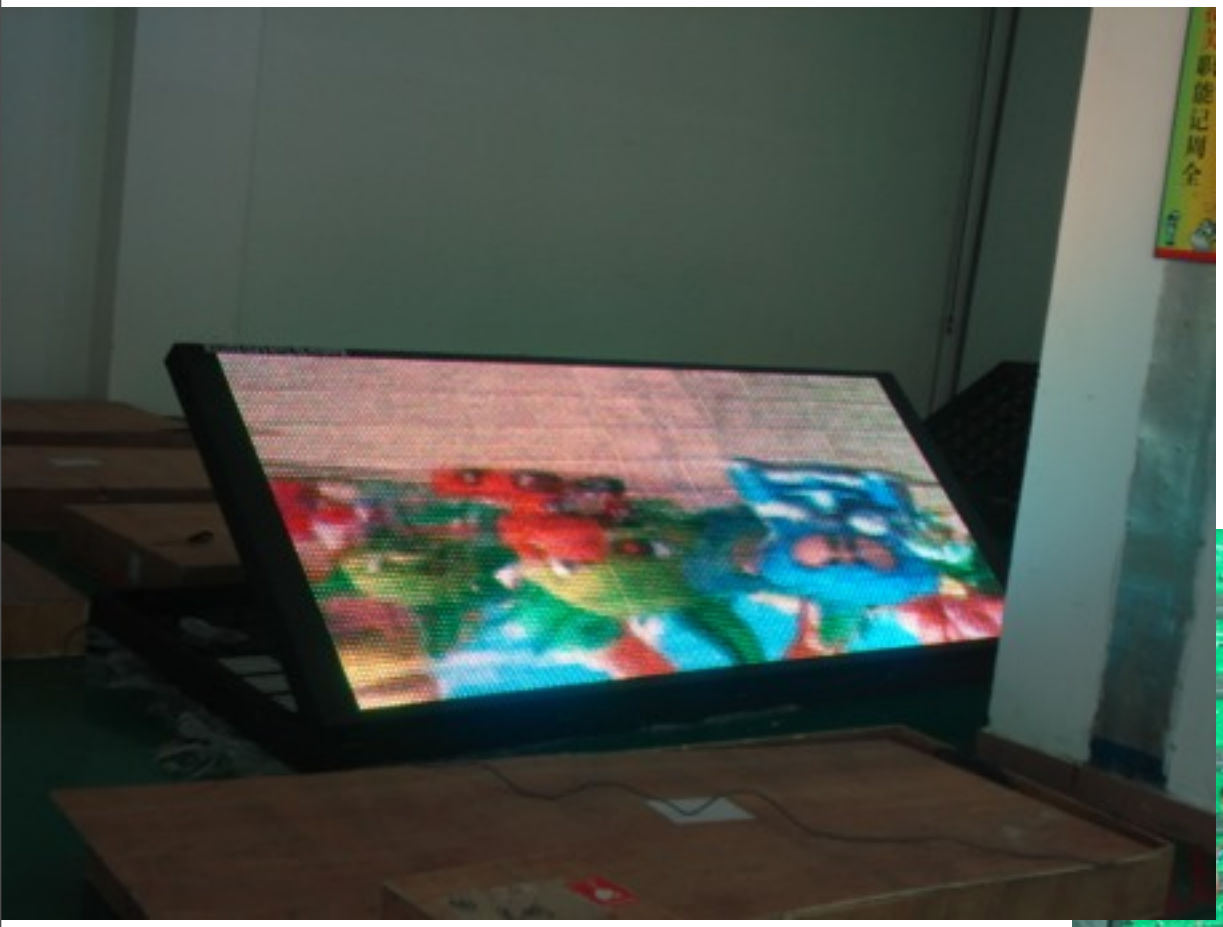
- Signs can be folded and the surfaces can be opened. makes it easy to maintain and install.
- Outdoor waterproof sign can show all kinds of videos, pictures, words, texts temperature and humidity.

Features and Advantages

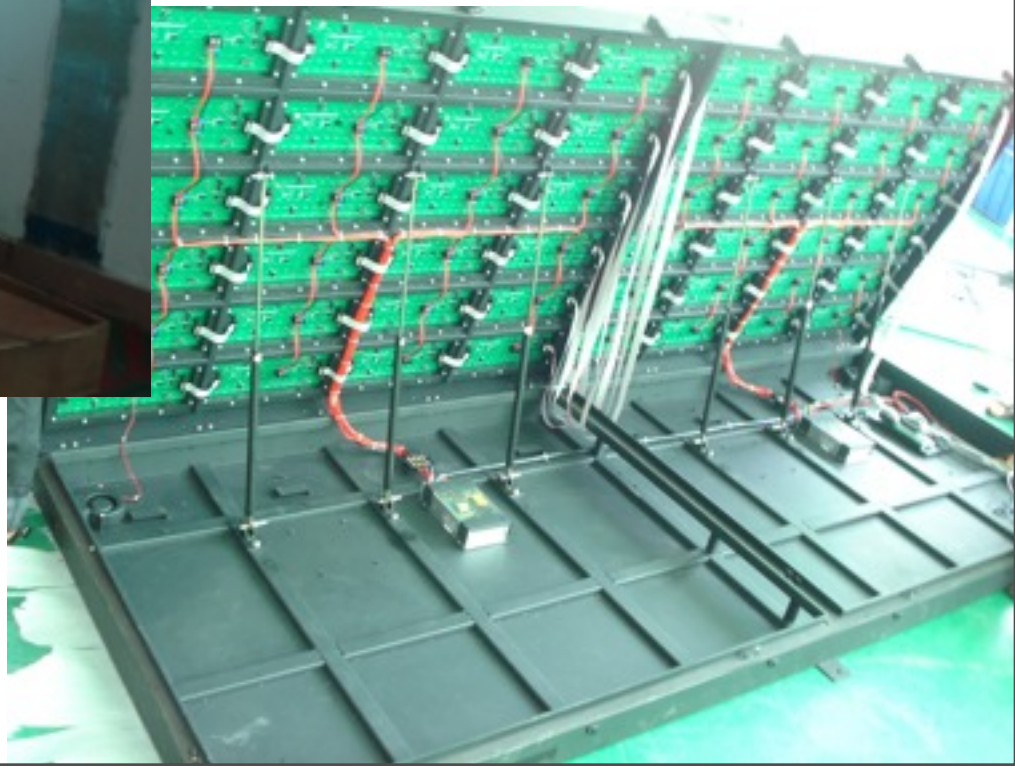
- ★ The sign is asynchronous system and can play the video, audio, date, time, clock, picture, form, flash, text, word, temperature and humidity without computer.
- ★ The sign can be folded. It is good for maintenance and install.
- ★ The controller can supports single color sign, double color sign, real full color sign and virtual full color sign.
- ★ The flash memory is up to 500Mbit and can support extended USB disk.
- ★ The program is sent by LAN or GPRS or RF or 3G or internet or RS-232.
- ★ The sign automatically run day and night with automatic brightness control.
- ★ The controller build-in industrial ARM9 Linux system keeps the system reliability.
- ★ The screen is Extra Wide Viewing Angle, horizontal larger than 120 degree and vertical 60 degree;
- ★ The unique water-resistant and salt-resistant cabinet mechanical design makes the cabinet with IP65 ingress protection level.
- ★ 4096 grey levels and 560Hz refresh rate ,achieving good movies effect.
- ★ Timing broadcast and switch
- ★ Projects proven product reliability.

Show temperature humidity date and time

Play movies

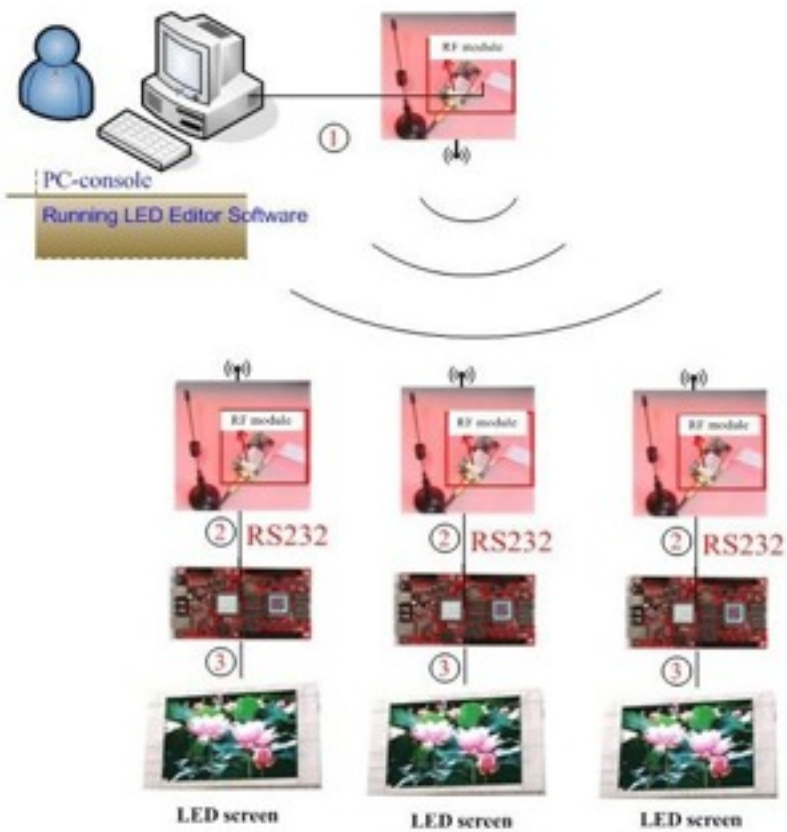


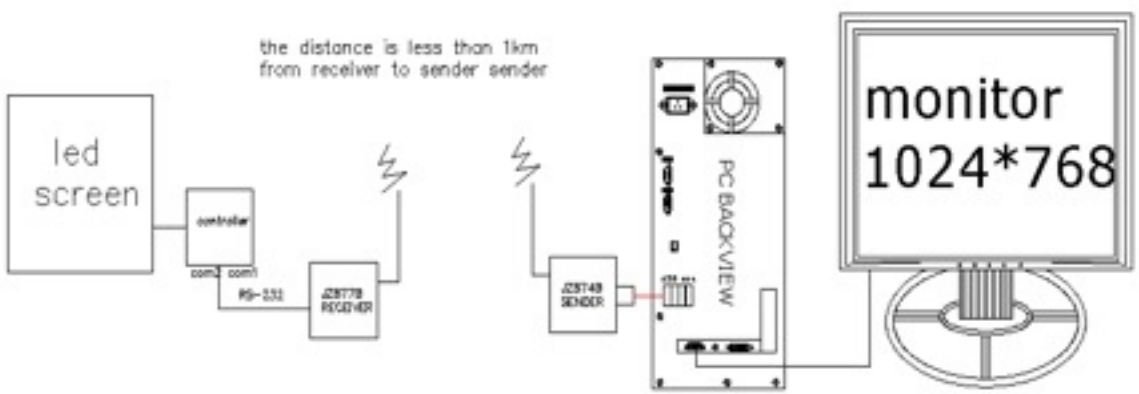
Movies effect is the same as synchronous system.



RF unit

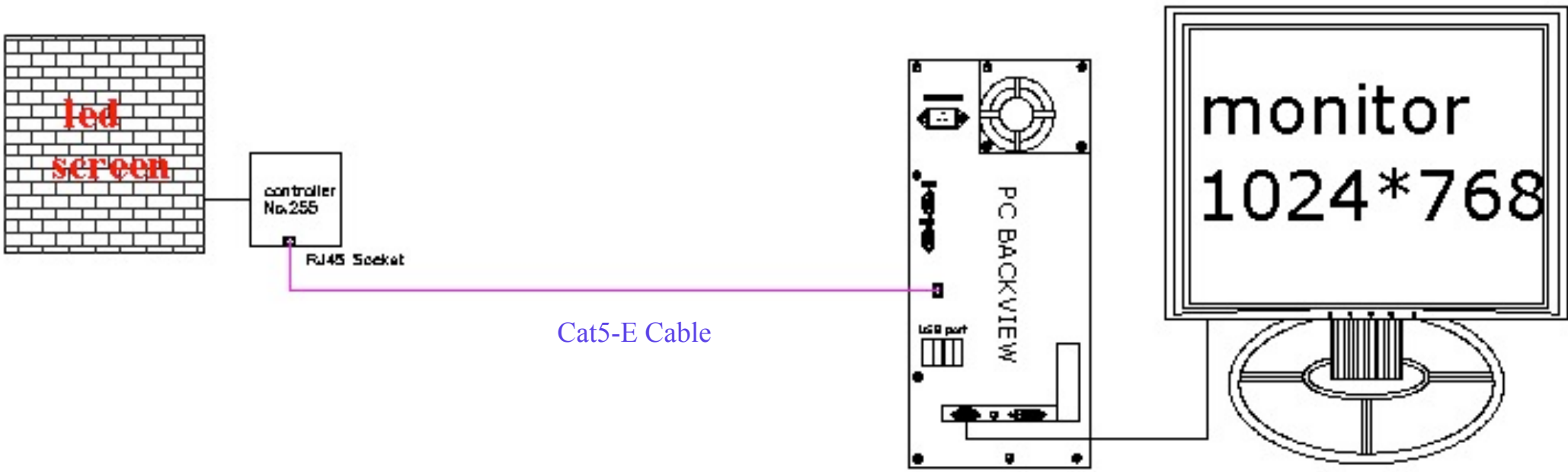
RF unit can support single
color and double color sign.





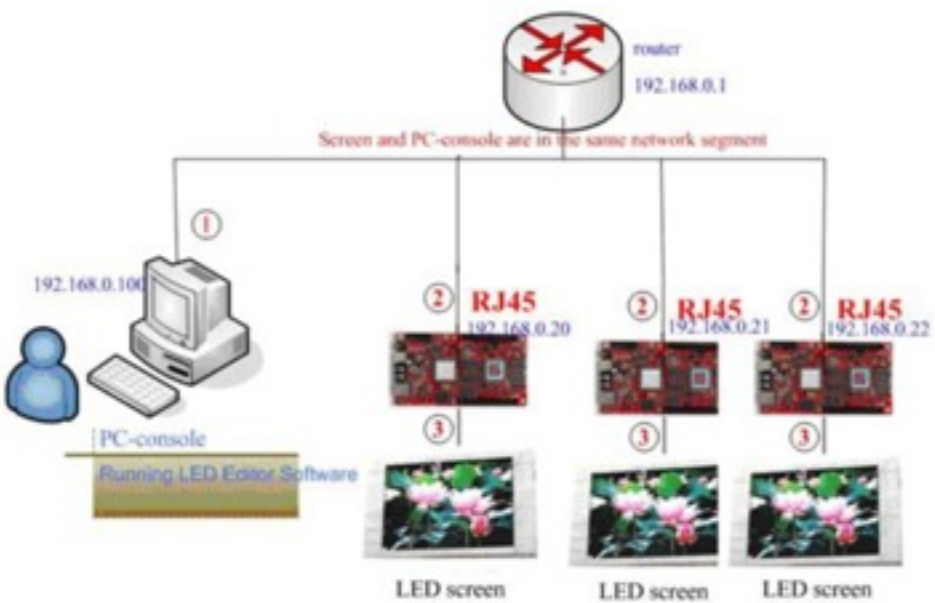
Control by LAN

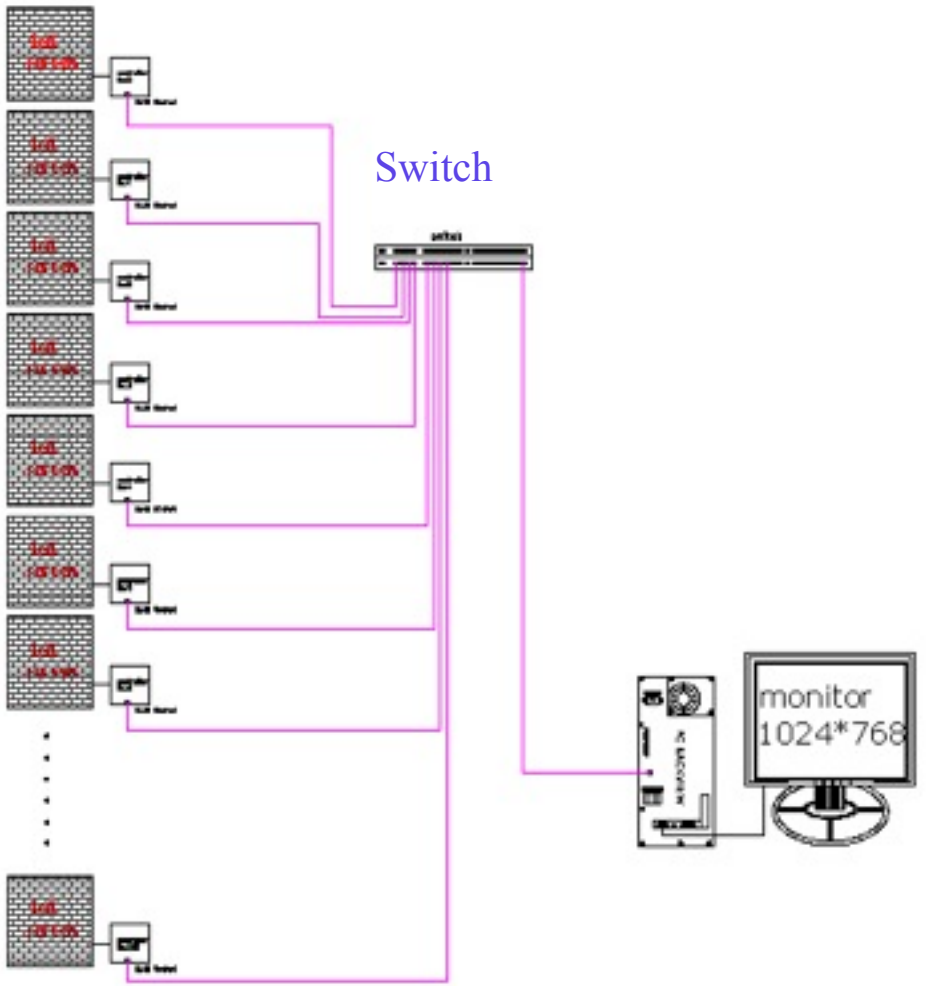
Support all kinds of signs. The distance from computer to controller is less than 150meter



Control by LAN

We can send the programs by LAN.



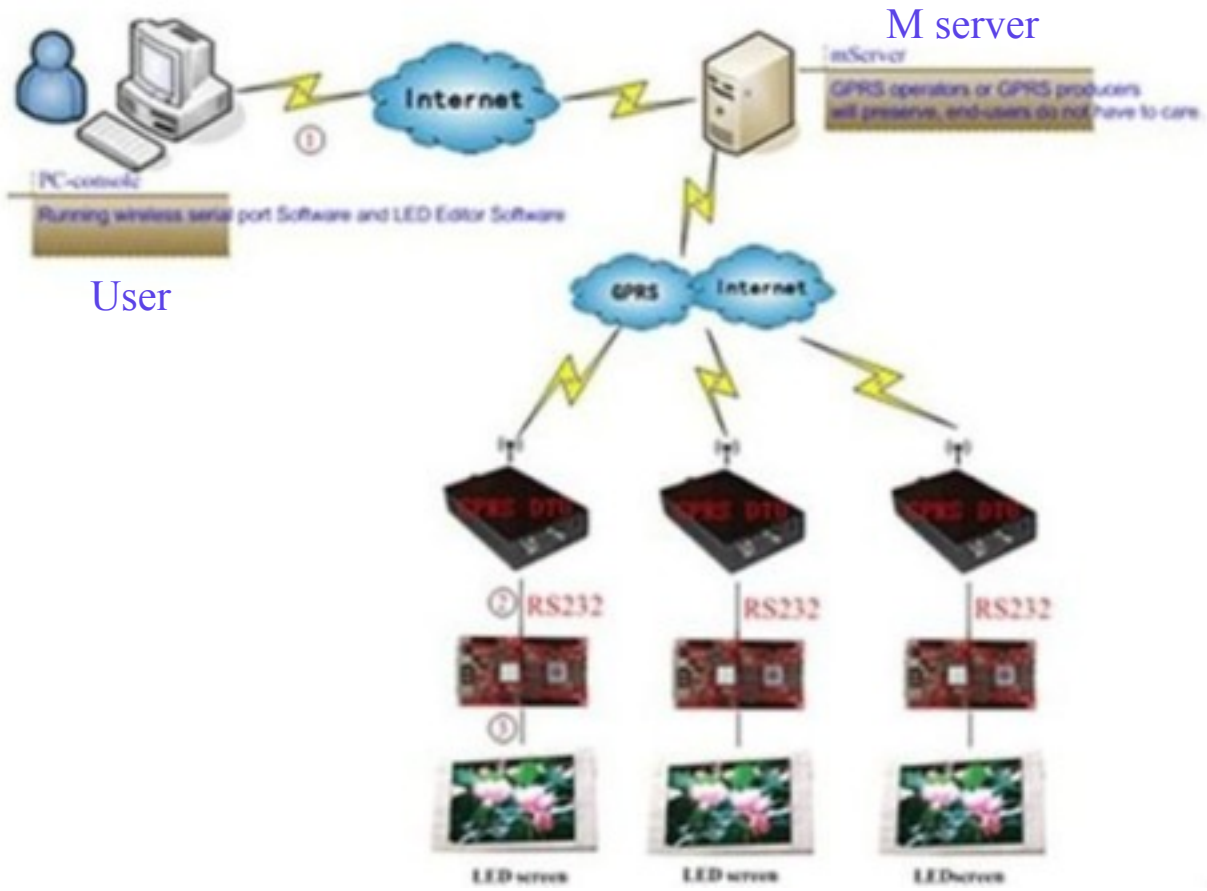


GPRS

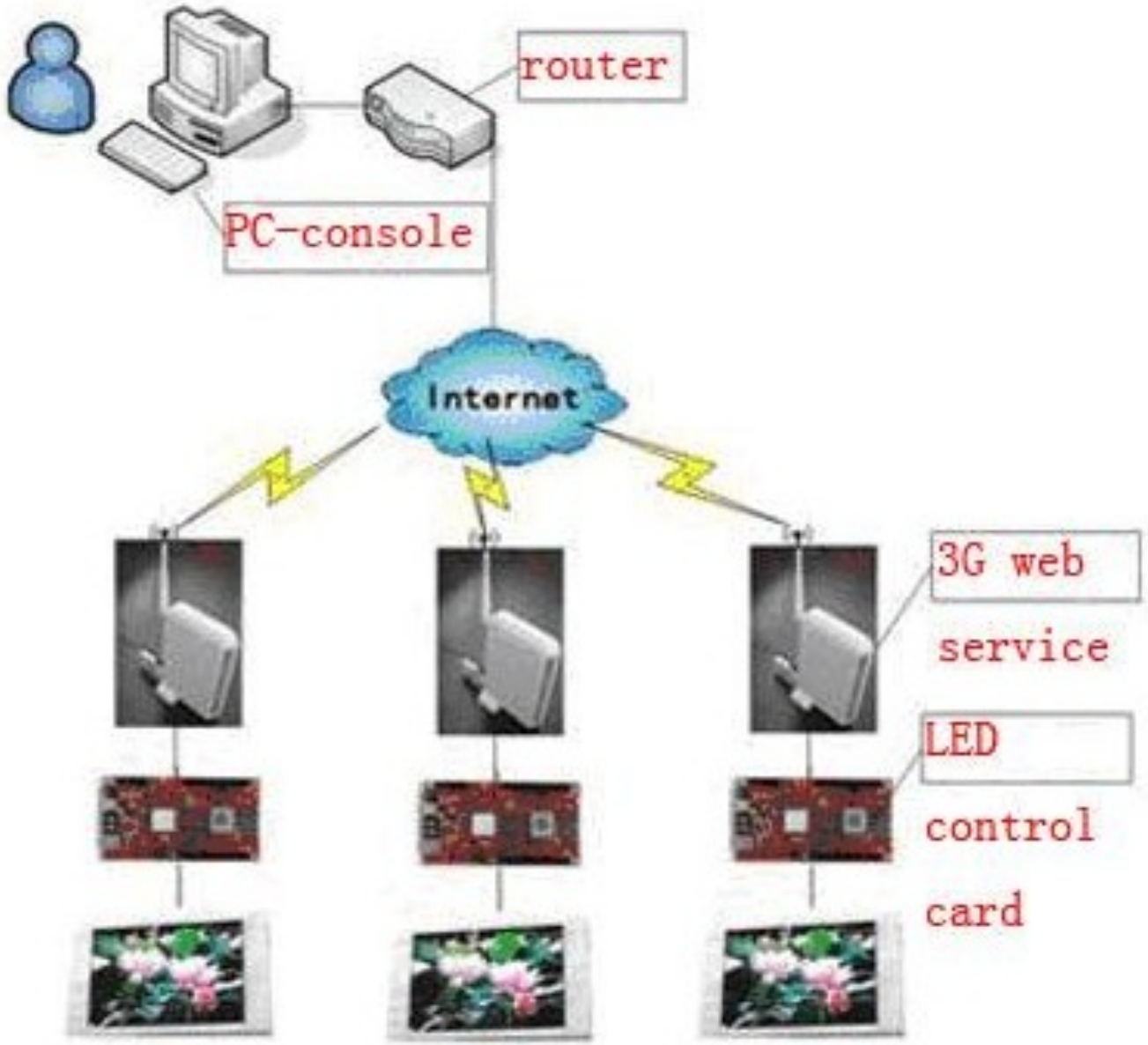
A. Connect PC with ADSL router by LNA line. Inserting ADSL router into Internet by telephone line or in other ways.

B. Connect control card with GPRS modules by serial port 232.

C. Connect control card with display screen by normal adapter plate or flat cable.



3G



3G

A. User can apply for tow domain names. A name one (such as alahover.gicp.net) and a spare name (such as alahover.dyndns.org). It is recommended than those two names belong to different domain name suppliers.

B. Screen mnemonic name helps users to remember and distinguish the screen which is controlled by the control card.

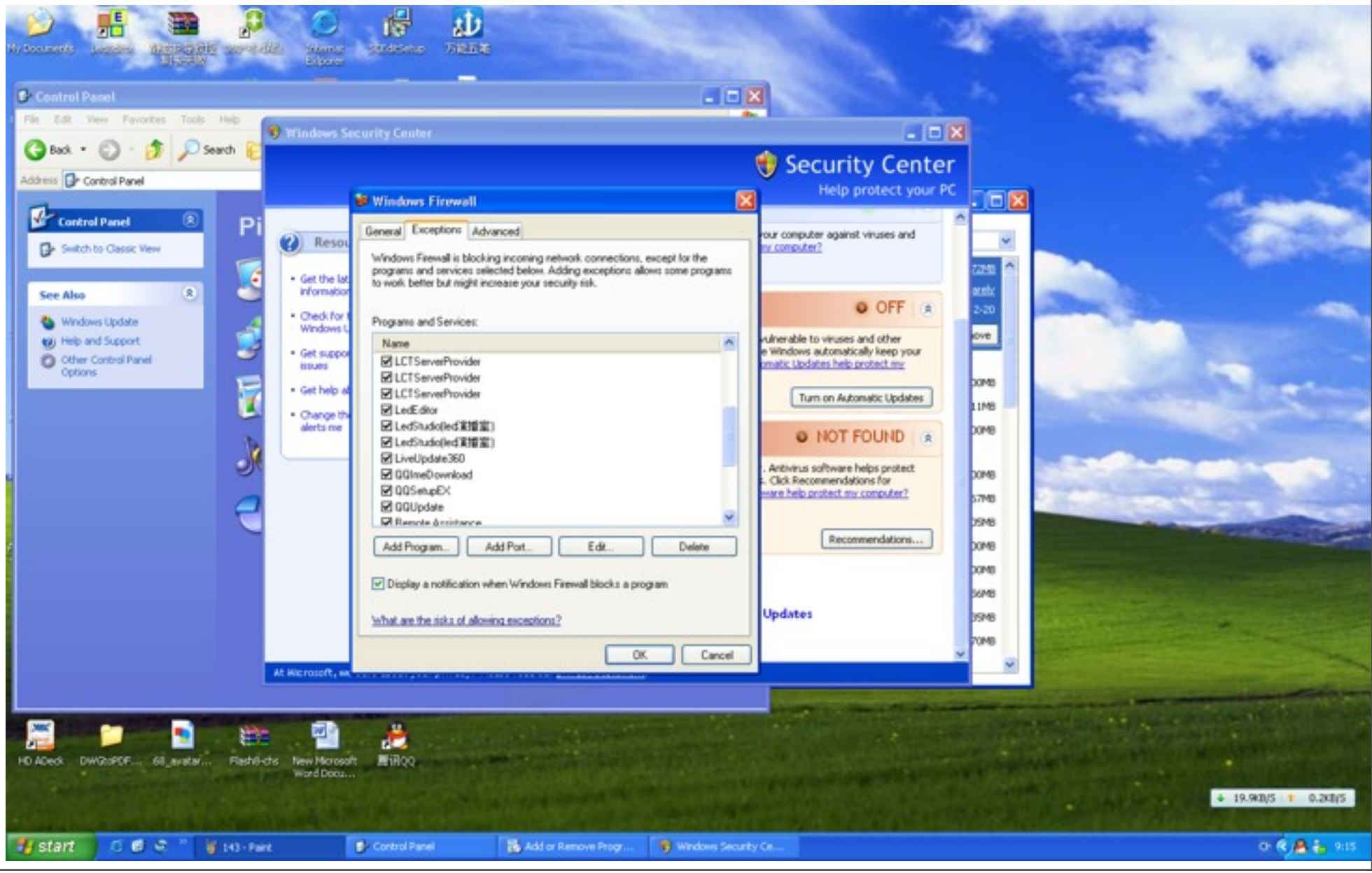
C. If the PC gets static IP then please select “Server IP” option and input the IP address directly. After finishing above steps, please confirm that control card has connected with the router by cables.

3G Terminal

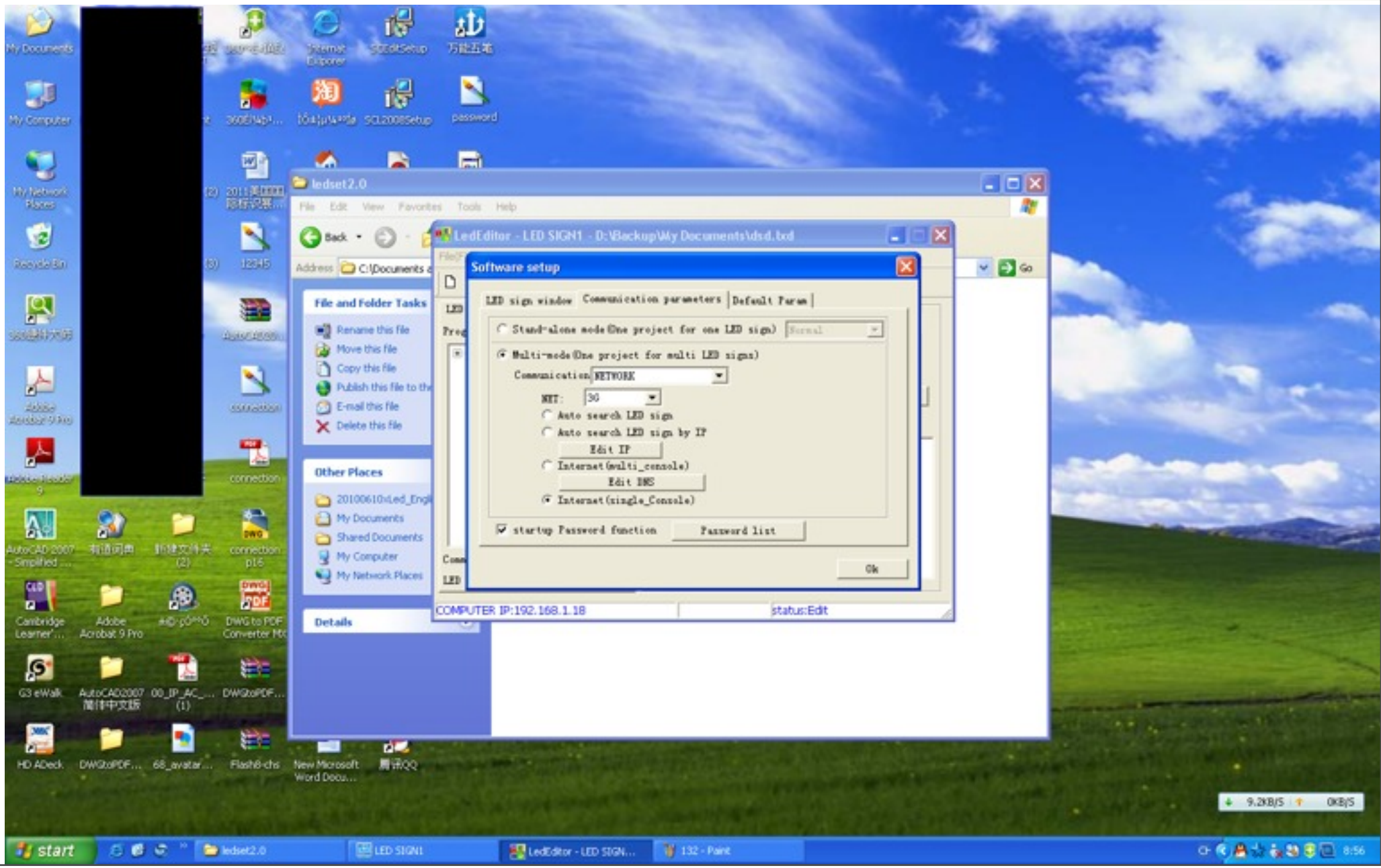
The wireless can be put outside the sign and receiver the signal from internet.

3G modules with WCDMA card

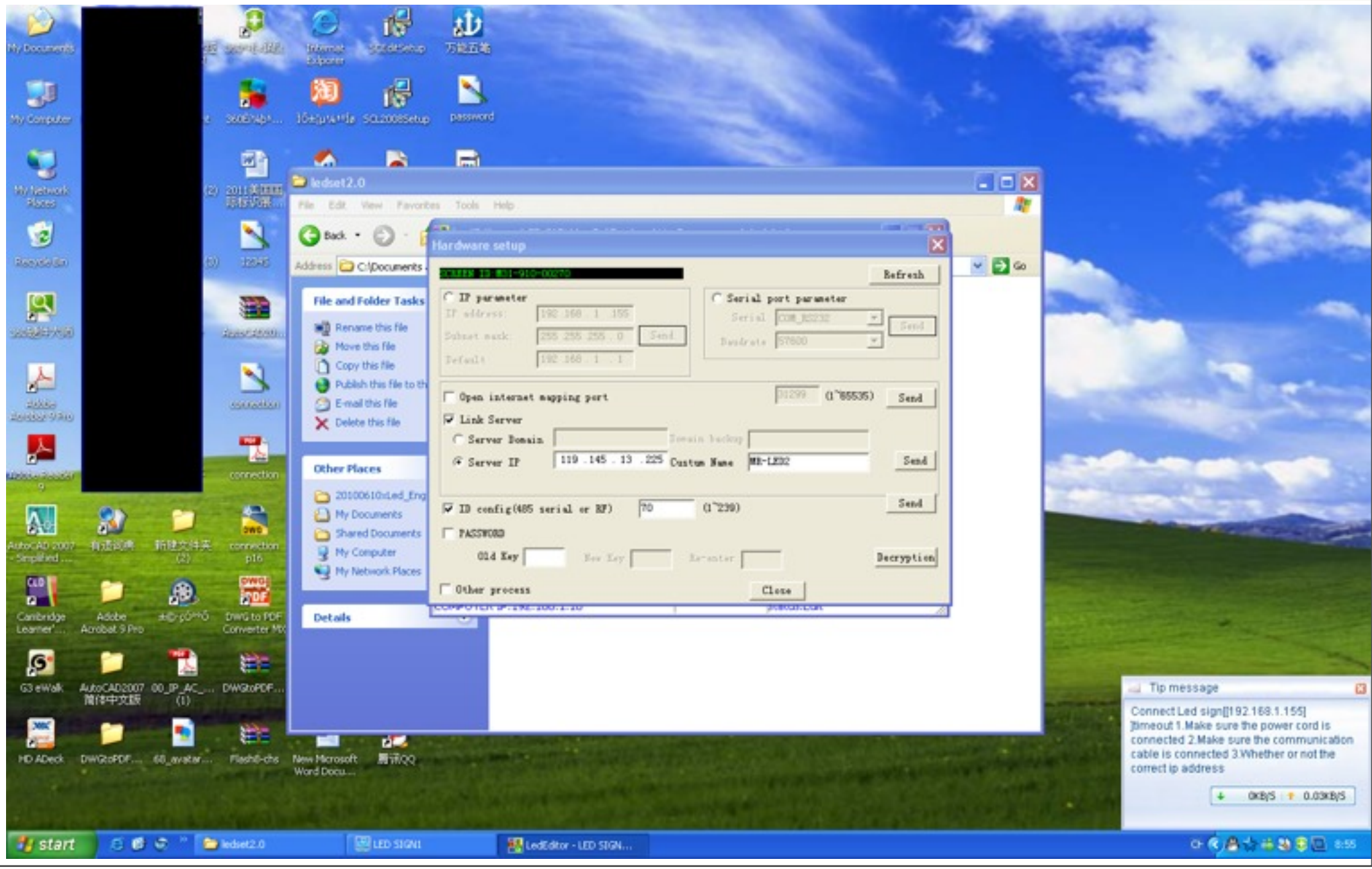
3G Terminal


Control Panel
Windows Security Center
Security Center
Help protect your PC
Windows Firewall
General
Exceptions
Advanced
Windows Firewall is blocking incoming network connections, except for the programs and services selected below. Adding exceptions allows some programs to work better but might increase your security risk.
Programs and Services:
Name
LCTServerProvider
LCTServerProvider
LCTServerProvider
LedEditor
LedStudio(led
LedStudio(led
LiveUpdate360
QQImeDownload
QQSetupEX
QQUpdate
Add Program...
Add Port...
Edit...
Delete
Display a notification when Windows Firewall blocks a program
What are the risks of allowing exceptions?
OK
Cancel
OFF
NOT FOUND
Turn on Automatic Updates
Recommendations...
Updates
start

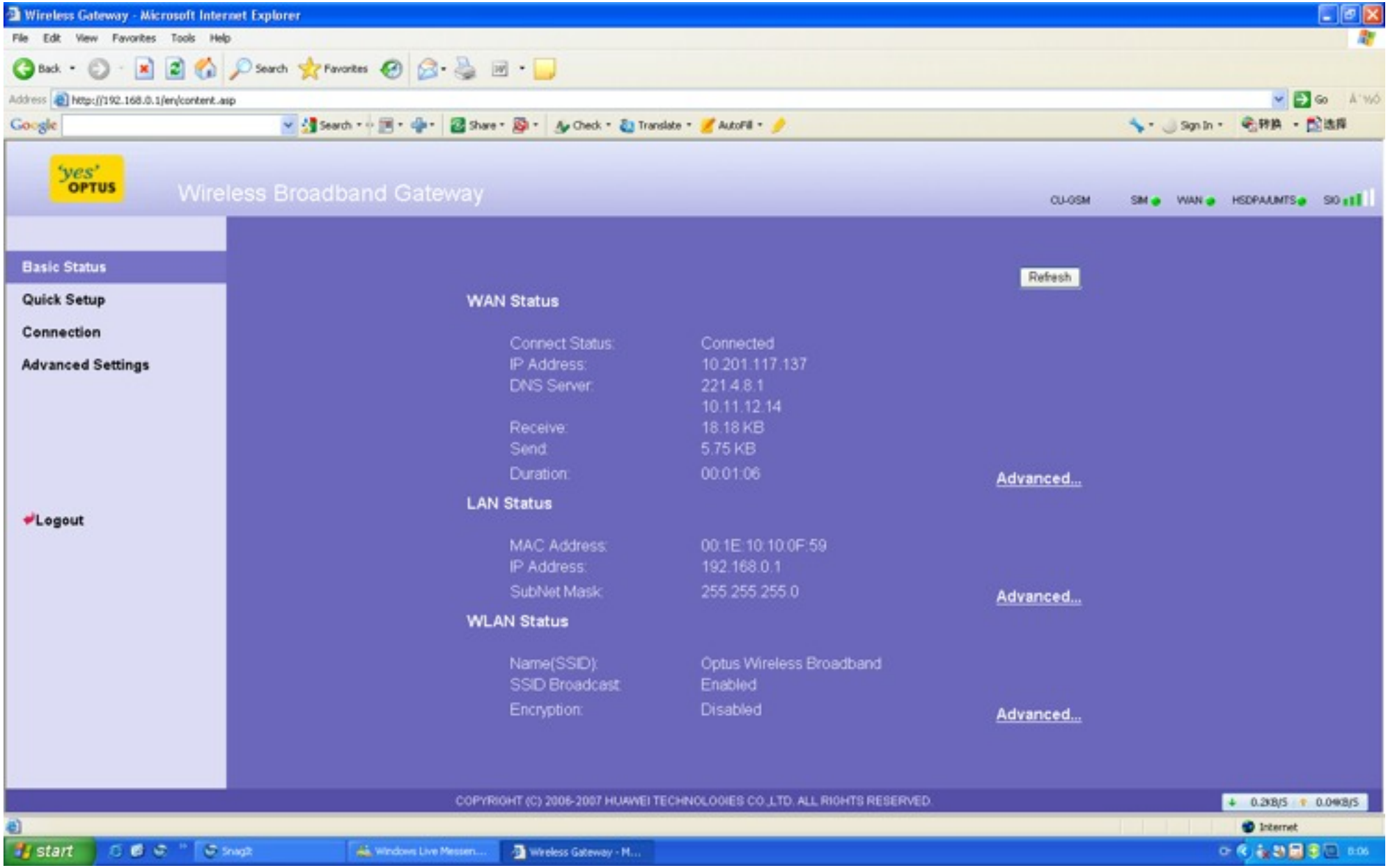
3G Terminal


ledset2.0
LedEditor - LED SIGN1 - D:\Backup\My Documents\ldsd.txd
Software setup
LED sign window
Communication parameters
Default Param
Stand-alone mode(One project for one LED sign)
Multi-mode(One project for multi LED signs)
Communication: NETWORK
NET: 3G
Auto search LED sign
Auto search LED sign by IP
Edit IP
Internet(multi_console)
Edit DNS
Internet(single_Console)
startup Password function
Password list
Ok
COMPUTER IP:192.168.1.18
status:Edit
File and Folder Tasks
Other Places
Details

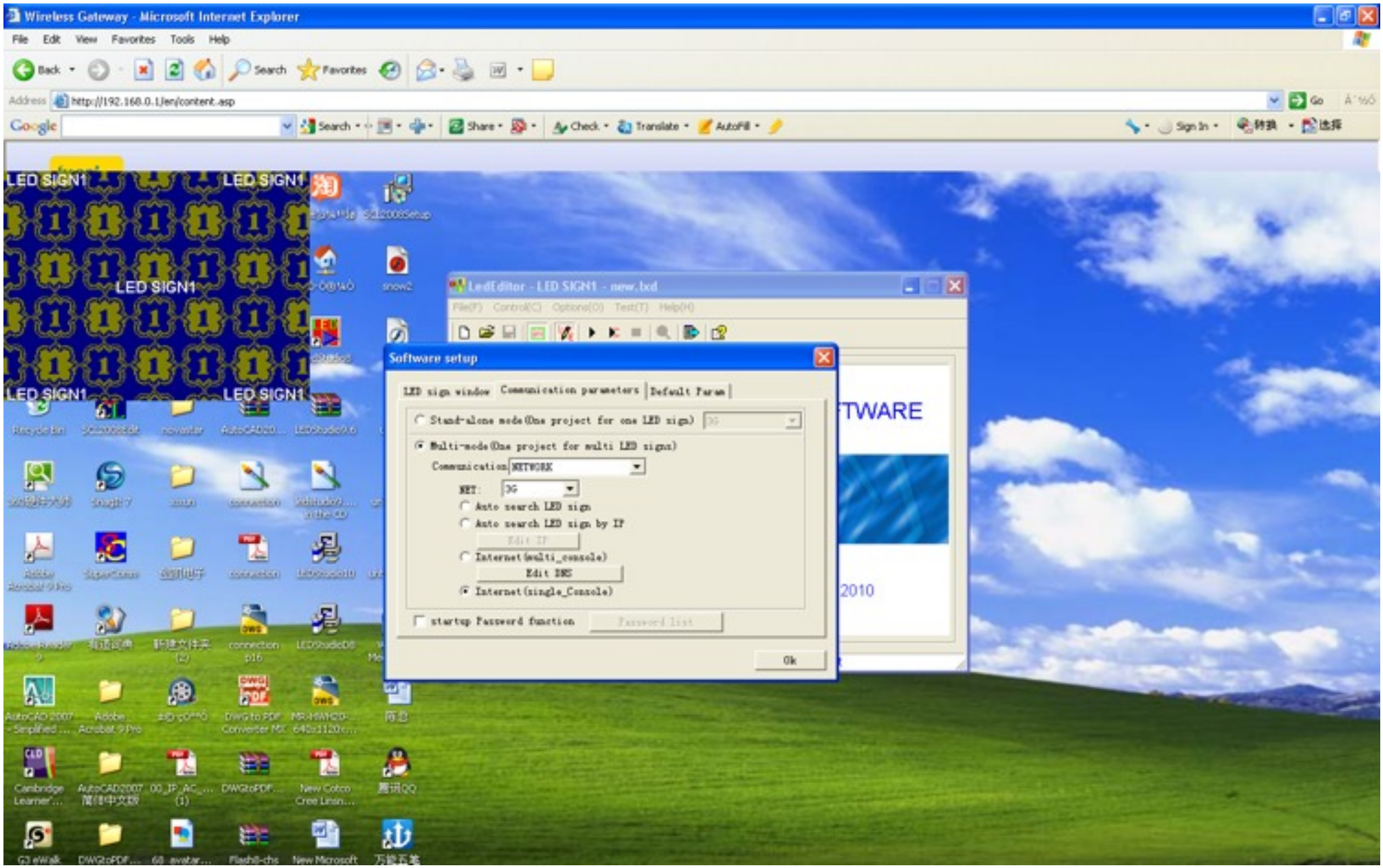
3G User


ledset2.0
Hardware setup
Refresh
IP parameter
Serial port parameter
Open internet mapping port
Link Server
Server Domain
Server IP
119 . 145 . 13 . 225
Custom Name
MR-LE202
ID config(485 serial or RF)
PASSWORD
Old Key
Decryption
Other process
Close
File and Folder Tasks
Other Places
Details
Tip message
Connect Led sign[192.168.1.155]
Timeout 1.Make sure the power cord is connected 2.Make sure the communication cable is connected 3.Whether or not the correct ip address
start

3G User


Wireless Gateway - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://192.168.0.1/en/content.asp
Go
Google Search Share Check Translate AutoFill Sign In
'yes' OPTUS
Wireless Broadband Gateway
CU-GSM SIM WAN HSDPA/UMTS SIG
Basic Status
Quick Setup
Connection
Advanced Settings
Logout
Refresh
WAN Status
Connect Status: Connected
IP Address: 10.201.117.137
DNS Server: 221.4.8.1
10.11.12.14
Receive: 18.18 KB
Send: 5.75 KB
Duration: 00:01:06
Advanced...
LAN Status
MAC Address: 00:1E:10:10:0F:59
IP Address: 192.168.0.1
SubNet Mask: 255.255.255.0
Advanced...
WLAN Status
Name(SSID): Optus Wireless Broadband
SSID Broadcast: Enabled
Encryption: Disabled
Advanced...
COPYRIGHT (C) 2006-2007 HUAWEI TECHNOLOGIES CO.,LTD. ALL RIGHTS RESERVED
0.2KB/S 0.0KB/S
Internet
start
Wireless Gateway - M...

3G User


Wireless Gateway - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://192.168.0.1/en/content.asp
Google Search Share Check Translate AutoFill Sign In
LED SIGN1
LED SIGN1
LED SIGN1
LED SIGN1
LedEditor - LED SIGN1 - new.txd
Software setup
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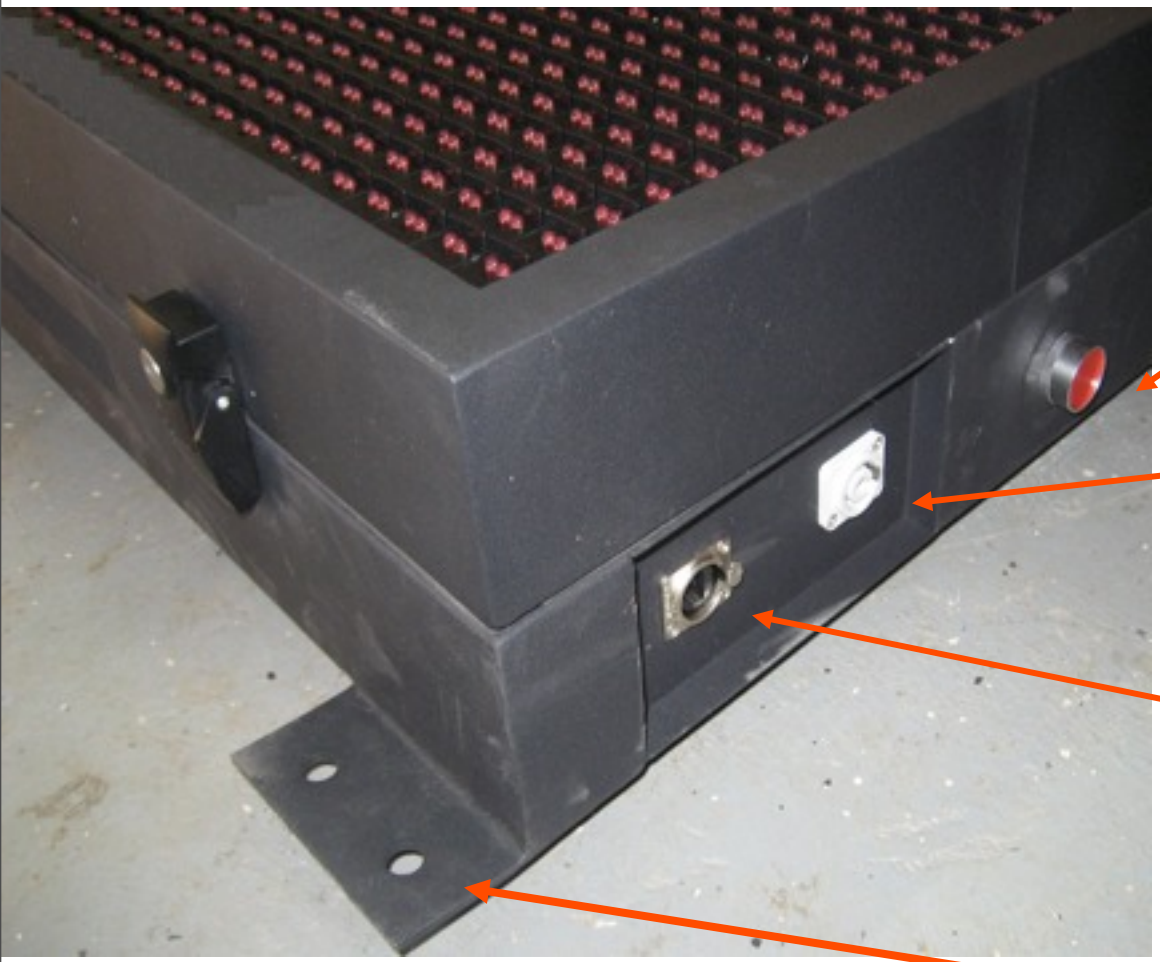
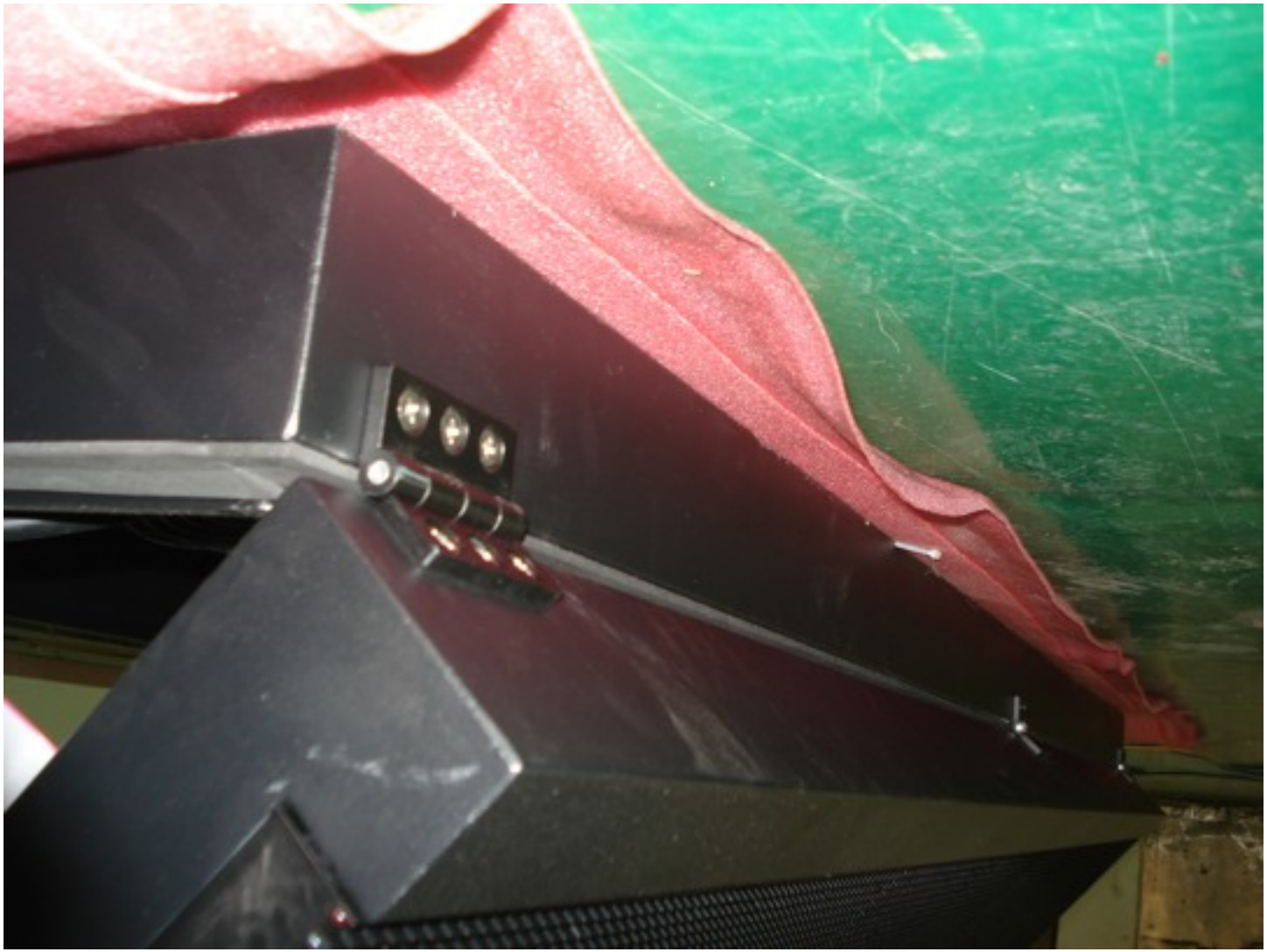
NET: 3G
Auto search LED sign
Auto search LED sign by IP
Edit IP
Internet(multi_console)
Edit DNS
Internet(single_Console)
startup Password function
Password List
Ok
TWARE
2010

Sign cabinets



Sign cabinets

Hinges on the top of signs

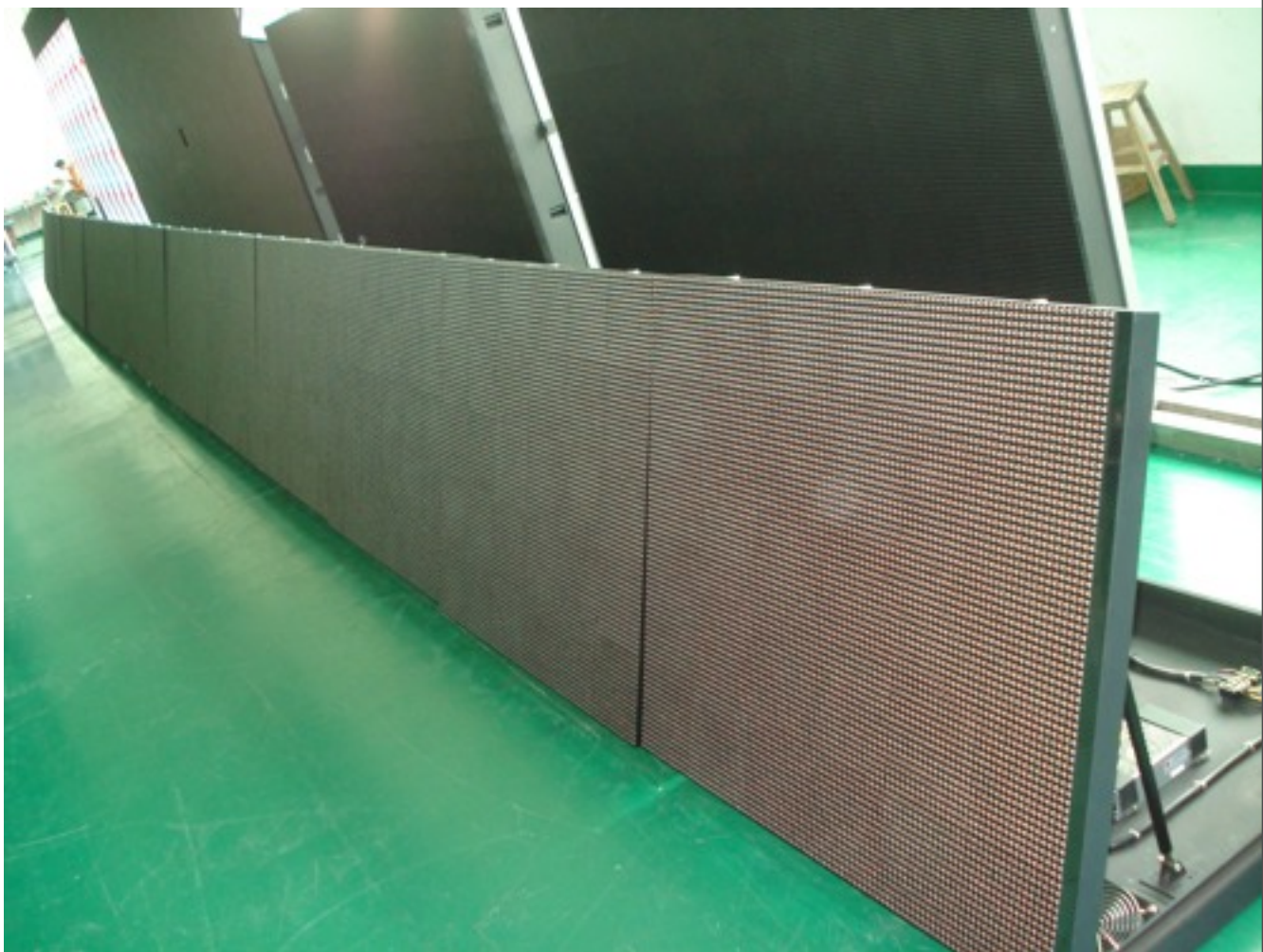


Synchronous system

The folded cabinets can also be used to synchronous system.

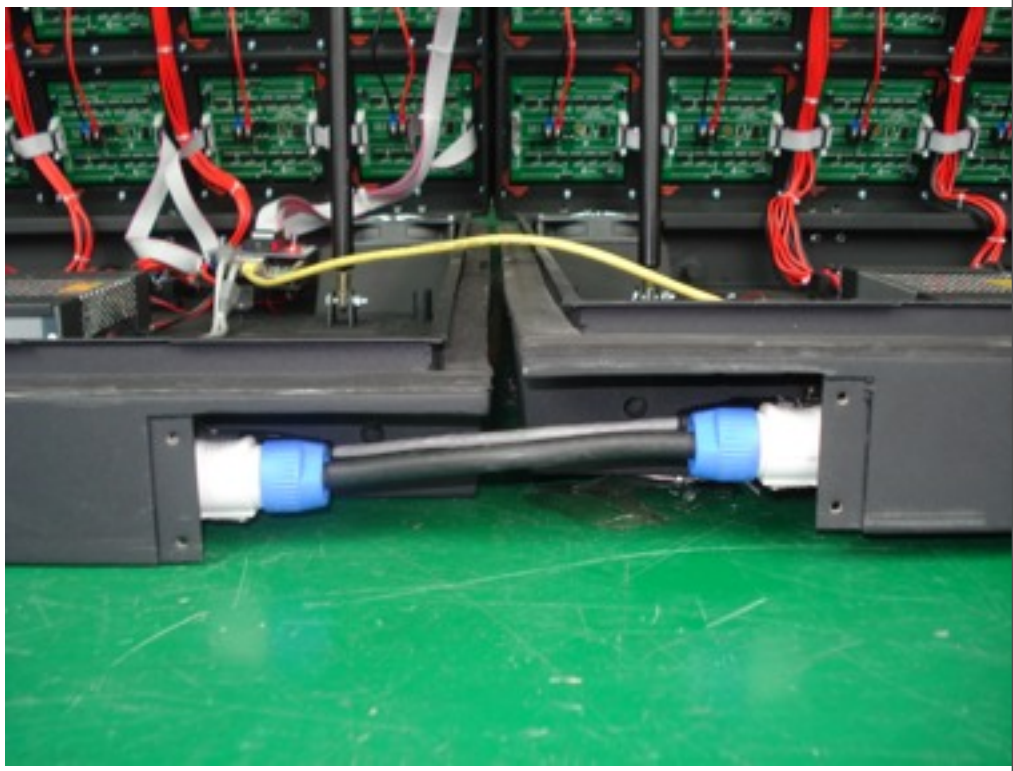
Synchronous system

P10 outdoor screen fixed on the wall as “—”sign.



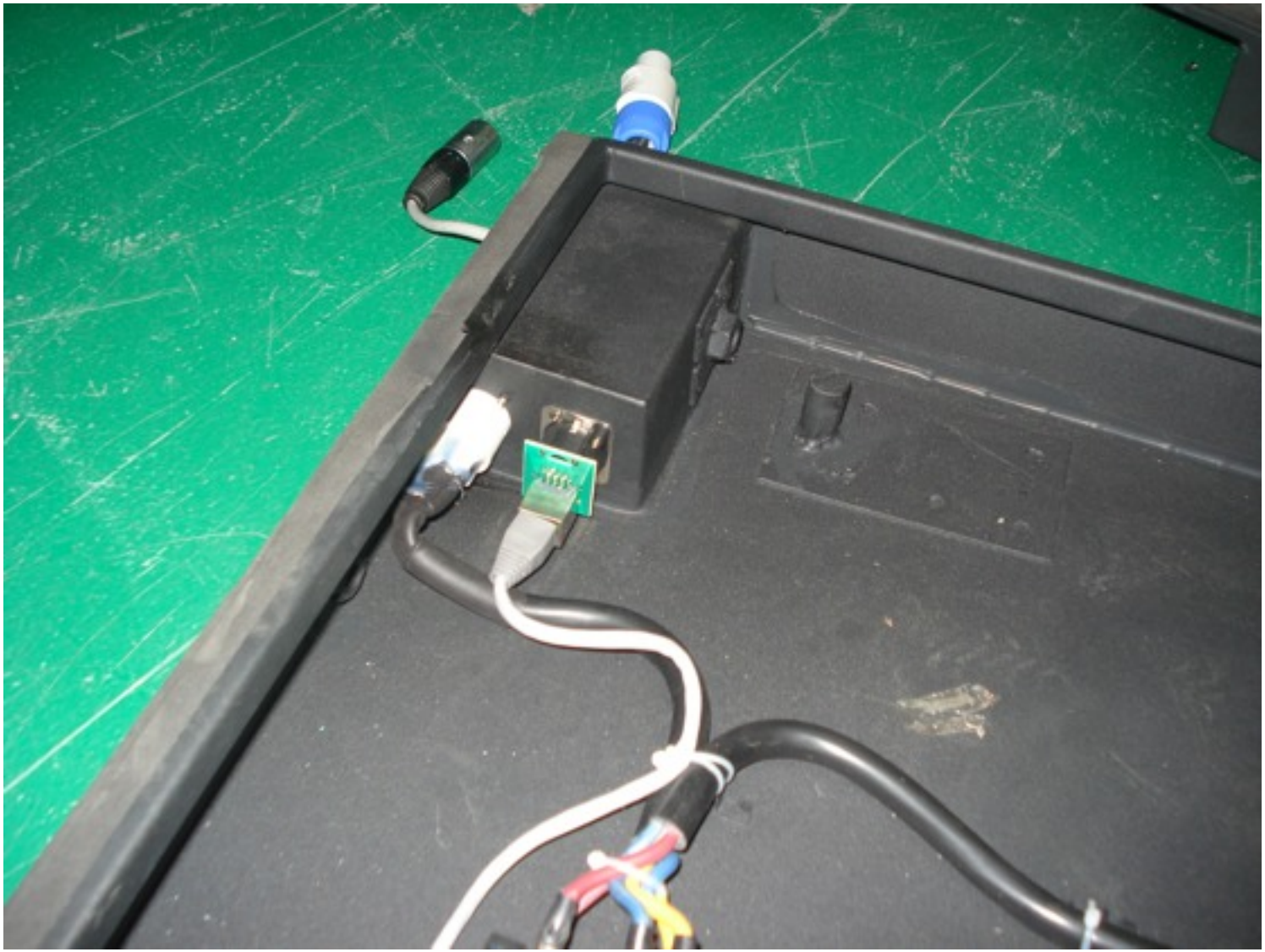
Synchronous system

P10 outdoor screen connection



Synchronous system

P10 outdoor connection



Projects gallery

Projects gallery

Projects gallery

Projects gallery

Projects gallery