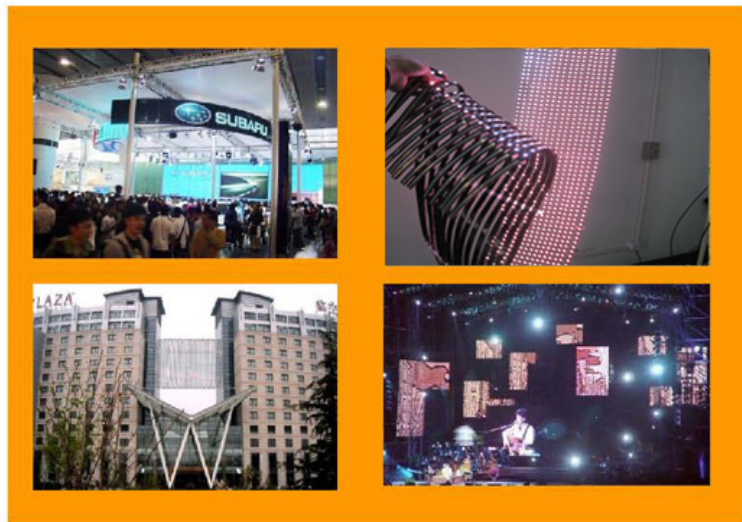




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User Manual



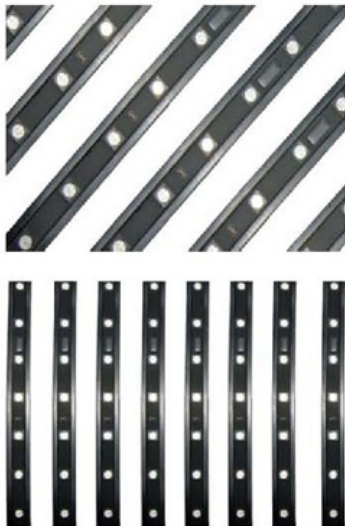
Please read the brochure carefully before using, and keep it for future reference.

Features



- Light, thin, thoroughly, the ultra-light weight suitable for the places where weights are required strictly.
- Easy and fast installation, demolition, suitable for lease and projecting building
- Can be bent around curvature of the installation, assembly for the curved screen
- IP65, wind and rain resistance, firm, transparent structure to resist strong wind.
- Suitable for any large area combination, maximum combine size 1920*1280
- Video synchronous, off-line display, it can achieve 68 billion color, and has better ability performance than ordinary LED display screen.

Product introduction

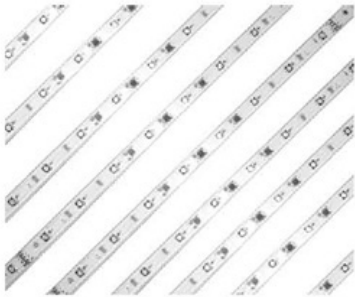


LED flexible curtain screen series are of the most applicability. The all-day brightness adjustment range of this series product is between 500-8000 nit, with a protection degree of IP 65, suitable for any complicated weather condition. 60%thoroughly degree enable it to resist strong wind. It's unique structure has largely improved the efficiency of fix-up and maintenance. As the flagship products, this series produce extraordinary image effects.



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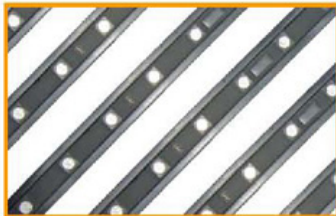
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LED Flexible display screen series present you unprecedentedly with superb performance through television entertainment business, sports stadiums display, outdoor advertising and many other fields.



detail showed



Transparent structure with the ability to withstand strong winds.



Display control circuit and power integrated compact design is stable and convenient for installation, flexible display screens present you unprecedented and excellent performance through television entertainment, sports stadiums, outdoor advertising and many other fields.

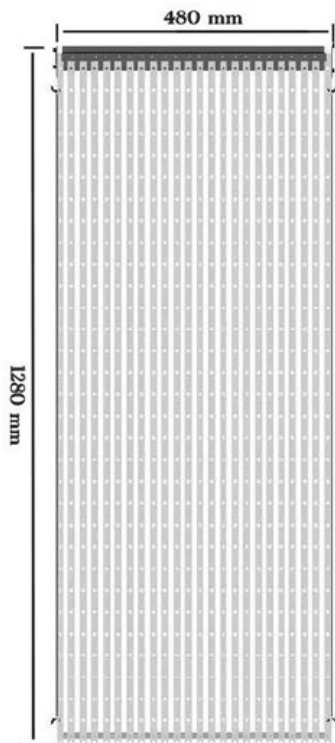
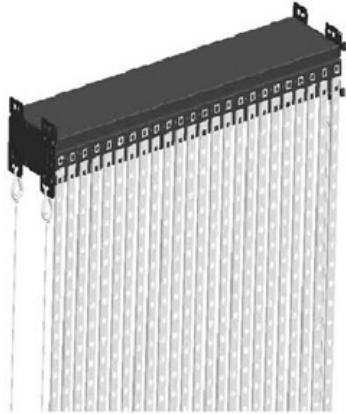


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Original LED embedded strip structure with a specific control technology abandon the traditional design mind. Ultra-thin structural design with IP65 ingress protection is suitable for all-day outdoor use.

UNIT-HOLC-P20 SMD 5050 Specifications:

The features of display and control

parameter	Value
Pixel configuration	1R1G1B
Red wave length	625±5 nm
Green wave length	525±5 nm
Blue wave length	470±5 nm
horizontal visual angel	110°±5°
Vertical view angel	50°±5°
pixel pitch	20mm
Pixel density	2500 dot/m2
Display color	256×256×256=16M color
Maximum brightness	≥6000CD/m2
Brightness adjustment	256 Level
Frame rate	60HZ
Data refresh rate	≥600HZ
Driving mode	static
Controlling mode	video synchronous
data communication	USB/DVI/RS232/LAN
Display mode	1024×768, 1920×1280
LED service life	100.000 hours
Display out of control point	≤1/10000
Working mode	continue
Contrast	1000:1
Gray level	14bit
Best view distance	≥20M

Structural feature

parameter	Value
Unit size	480×1280×120 (mm)
Unit pixel	24×64 (pixel)
Weight/Module	≤3.5kg/Module
Weight/Square	≤5.8kg/m2
Module structure	Aluminum (black & white)
Protection Level	IP65
Installation mode	Hanging、Embedding

parameter	Value
Power supply	AC 110—220V ±15%, 47-63HZ
Maximum power/Module	≤430W/Module
Maximum power/square	≤700W/m2
Short-circuit protection	yes

parameter	Value
operating environment	Outdoor
Ambient temperature	-20-50℃
Ambient humidity	10%-99%

Note: please subject to the order contract. while the parameter in table is different with order request,



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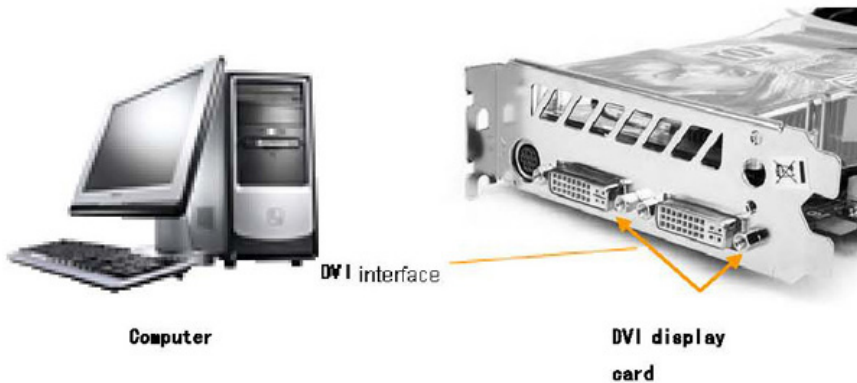
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Products and Accessories Introduction

LED display: display pictures, videos and other information.



Computer, video card: mainly control LED display screen and handle with video images, etc.



Controller: control LED display screen



The power wire of controller, RS-232 wire, DVI wire: for the communication of the computer, controller power supply



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and data.



LED display power wire, signal wire, for the transmission of display power and signal.



Signal transduction wire, power transduction wire: screen connection between strips



Steel lanyards, Hinge pin and safety lock: fast fix and install the screen

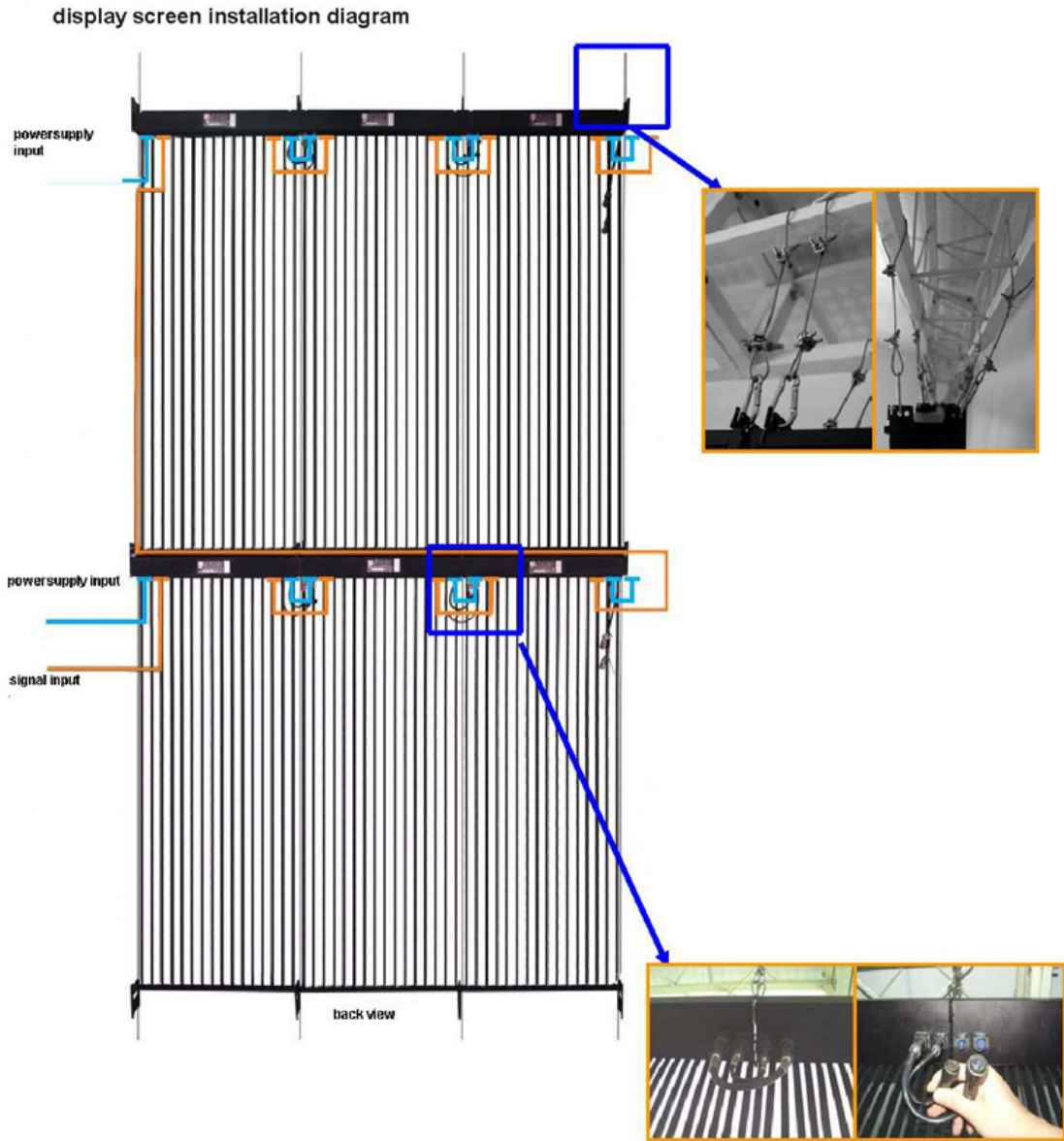


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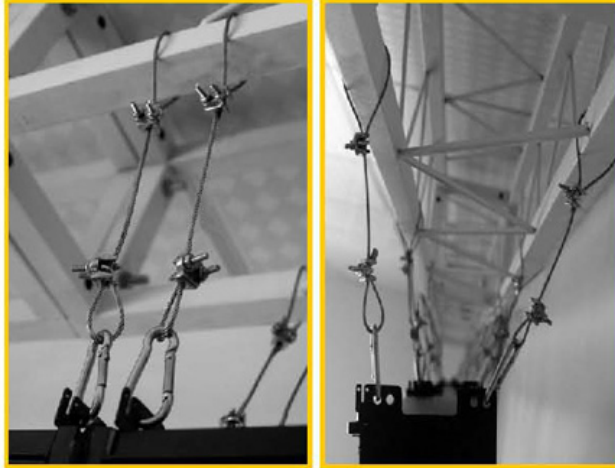


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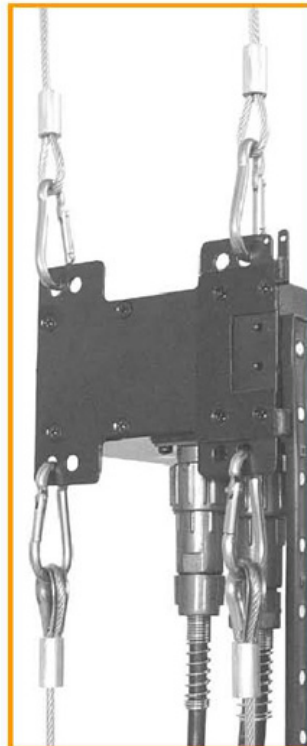
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display installation steps

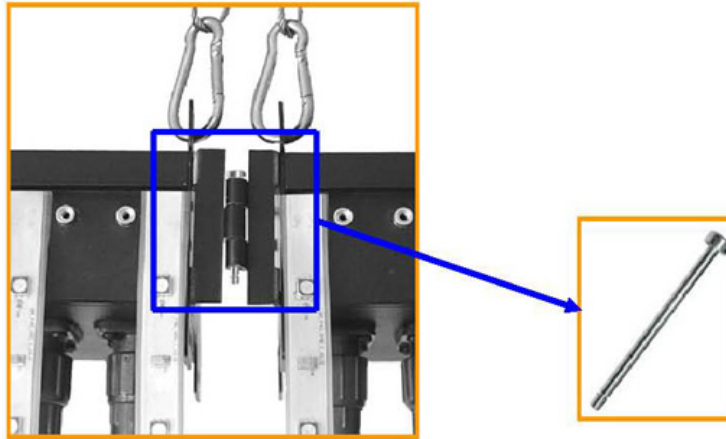
Step1: put the lanyard installed at the top of screen(as follow pictures showed),the position must bear the weight of screen.



Step2: use the safety lock which in the four steel lanyard locked in the hole at the both side. Pay attention to the small side of safety lock above need down ward, and keep the small side of safety lock below upward.



Step3: to be at the hinge between screen, and insert the latch to be fixed.



Step4: connect the wire from the beginning to the end after all screen installed.

connect the signal wire should from the end of first wire to the beginning of the second.

Make the "S" or "Z" shape, and continue connect all the module in series.

When the input power supply is AC110V, the shape of the power wire became "s" or "z" it can driver maximum 6pieces of screen.

When the input power supply is AC220V, the shape of the power wire became "S" or "Z" it can driver a maximum of 10 pieces of screen.

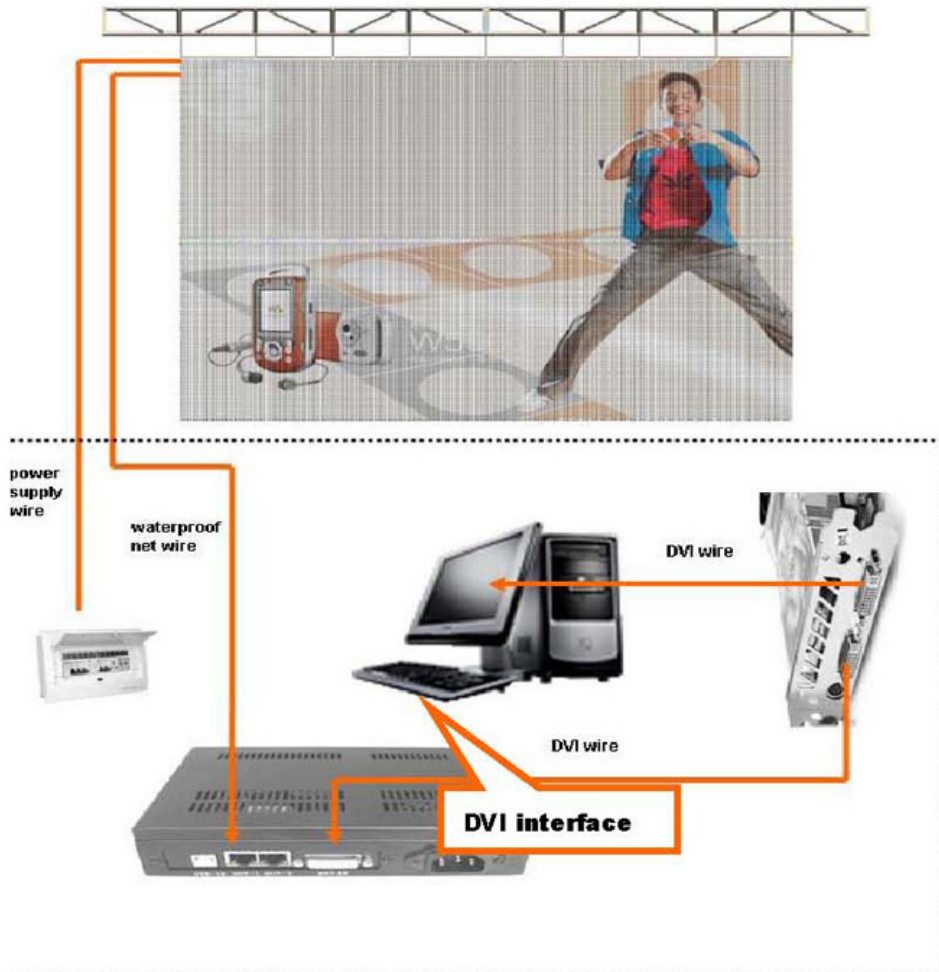
Setp5: the power wire access the power box after all power wire installed, the main signal wire access controller(note: first power the computer, until the normal work, then power the switch of LED display).



Step6: set the parameter and then sent to the screen.

Step7: End of video, first turn off screen, avoiding damaged LED lamp, until the screen completely shut down, then turn off the computer.

display screen connection diagram



1.4 Display screen connection step

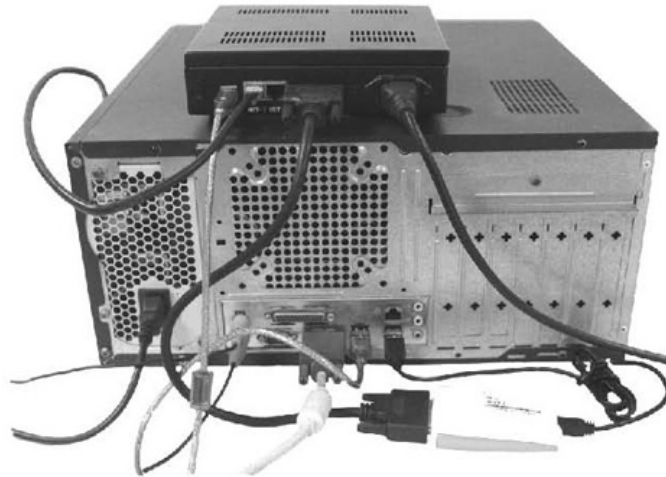




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- Note:**
- | | |
|---|---|
| 1 USB interface (Transmission control signal) | 2 Shield the waterproof net wire to the LED screen. |
| 3 : DVI interface | 4 : Controller power supply input |
| 5 : USB transfer DVI display card | 6 : USB-2.0 interface (Transmission video signal) |
| 7 : USB interface (Transmission control signal) | 8 : computer |



- Put DVI display card insert motherboard's slot, or put the USB display card insert the USB interface in computer (need support usb2.0 interface,) install the card driver.
- Connect the computer and power supply wire of controller
- Connect the display card and controller through DVI wire.
- Connect the USB pros on computer and controller through USB wire
- Connect send card with receiver card through network wire.(quantity as per delivery bill)
- Set or debug after all connection are correct.