



Digital Daylight Display

Products & Solutions:

✚ Advertising LED display

✚ Rental LED display

✚ Sports LED display,

✚ LED TV

Outdoor/Indoor advertising display

PH10, PH12, PH12.5, PH16, PH20, PH25, PH31.25 for outdoor use

PH6, PH7.62, PH8, PH10 for Indoor use



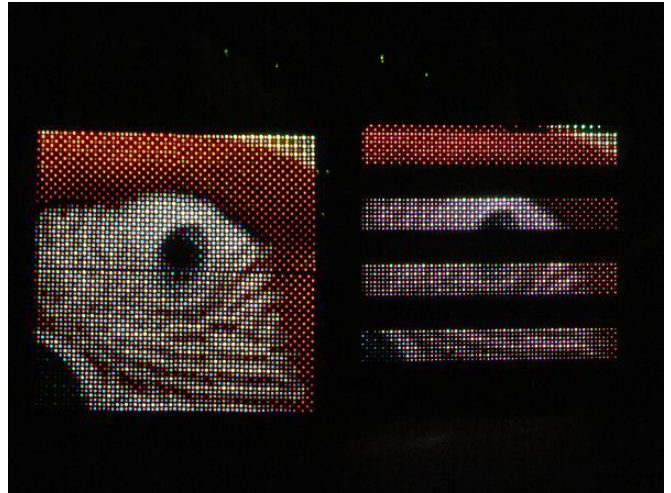
Control system compare

Extreme Image Quality

Unlike many displays in the marketplace, the Daylight display series feature a red, green and blue LED in every pixel. This results in richer color depth and superior detail reproductions. Independent LED control takes the pure pixel design one step further.

- Refresh rate for static drive is up to 9405Hz;
- Specially designed open and close speed is up to 50nS;
- The highest to the lowest brightness depth is at least 16384 levels;
- 1/320 Second exposure, no black line;
- 256 gray level degree
- Color show ability is improved 5 times better than the old system;

Many displays today have only limited options for brightness control. The Daylight series can adjust its brightness in a wide range of steps.(continuously from 0% ~ 100%)



Superior Uniformity

Uniformity is a measure of picture consistency across a display. The daylight display series performs a proprietary factory calibration process to bring all LED's into strict color and brightness conformity. Every LED on every display is balanced at the factory giving a super control system drive. To ensure uniformity over time, the factory provides the ability to visually balance replacement modules with those already in the display.

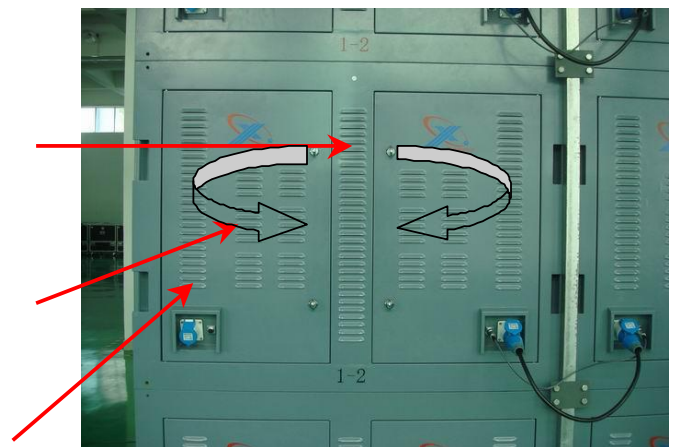
Panel design

1. The whole display panels designed waterproof.

Cold air goes into the cabinets through these holes, inside panels; there are filters and iron masks installed inside.

Cold air goes into these holes directly through the power supplies; it is good to transfer the heat from the power supply to outside.

The heat air inside will be exhausted to outside by the **10** pcs fans(for standard panel size design).



2. Power supply design:

When the display shows peak white color, the consumption of the power supply is only up to 80%. (it will avoid the overload for power supply when user suddenly switch on display)

All of the power supply we use Meanwell branch.

And one special power supply of 12V9A, only give the power to fans, the circuit of this direct current power supply and the 5V60A power supply is separately.



3 Backside design

The entire panel produced by high tech machine, the whole display gap between panels is very small, and matched up together well. It is good for rental business. 2mm thickness aluminum board used for the aluminum cabinets design. When the whole display lifted up, gap between panels is hardly to recognize.



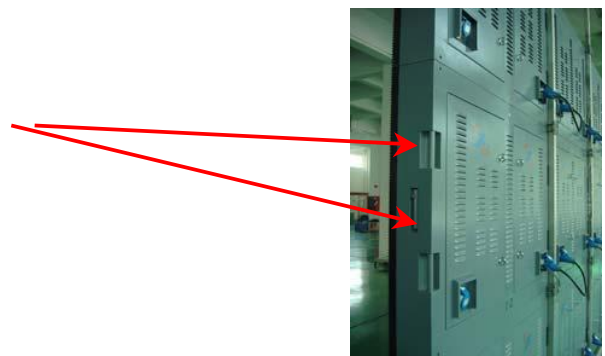
4. Connector design:

Power connector used CE certificated connector; every head can afford 60A currency. It is good for suddenly switched on display.

Signal connector is designed waterproof, and the 9 pins inside make sure the female and male connectors connected well.

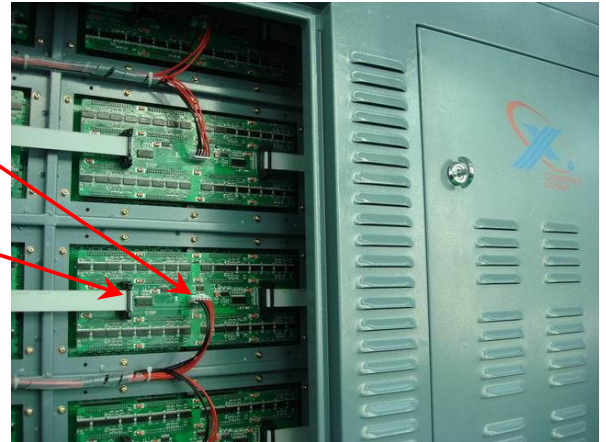


5. The panels more handles make sure the display is portable



6 The power connector for every module is 4 pin connect, and more stable after transportation.

The connector for signal has two locks on everyone. After transportation, it still connected well.



7. Now more and more factories realized that the color of the surface of the plastic is becoming a big problem. For the Daylight series, we solve such a problem with strict testing and carping request for the plastic mode and production, you can see from the right photo of our result of the surface.



8. Two professional gray level processors support the single color level up to 65536;

8.1 Contrast is 65535:1;

8.2 Feedback the communication status to the software;

8.3 Color show ability 5 times improves;

8.4 40nS drive switch on/off;

8.5 The drive IC can adjust the 16 pins currency separately.

