

Introduce Detail Technology Of Green Concept Screen

01 What is a common cold screen?

“Common yin” refers to the common yin power supply mode. The common cold screen adopts a common yin lamp bead,

and R and GB are separately powered.

"Yin" is the negative electrode. Contrary to the anode (positive electrode), the current passes through the lamp bead to the IC negative electrode.



02 What is the common anode display?

The common anode display current flows from the PCB board to the lamp bead, and the RGB lamp bead is uniformly powered.

03 What are the characteristics of the common cold screen?

The common cold screen is powered by R and GB separately, that is, the voltage and current are accurately distributed to the red, green and blue lamp beads, and the current passes through the lamp beads to the IC negative electrode, the forward voltage is reduced, and the conduction internal resistance is small. The separate power supply scheme effectively reduces power consumption and greatly reduces the heat generated during the operation of the display.

04 What are the characteristics of the common Yang display?

Conventional LED displays are generally powered by a common anode. Red, green and blue three kinds of lamp beads have different voltage requirements

(red lamp bead voltage is about 2.5V, blue and green lamp bead voltage is about 3.8V),

and common-yang display usually gives a voltage higher than 3.8V, and current The input from the PCB board to the lamp bead not only increases the forward voltage drop of the circuit, but also generates excessive power loss.

05 Common cold screen why "cold"?

The special common cathode power supply mode of the cold screen makes the heat generated during the operation of the LED display screen less and the temperature rises low. Under normal circumstances, when the white balance state and video play, the cold screen is about 20 ° C lower than the regular outdoor LED display of the same model!

06 Common cold screen saves money "province" where?

Separate precision power supply reduces the LED display to reduce part of the power consumption and reduce operating costs. At the same time, low-calorie low-temperature rise and other working characteristics can eliminate heat-dissipating equipment such as air conditioners and reduce input costs.



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Usually Screen

07 common cold screen advantages

The common cold screen temperature rises low, the screen body heat is uniform, the color temperature is constant, and the colorless block is used for a long time, and the screen display effect is good. Maximize energy consumption while ensuring high brightness and high contrast.

Outdoor common cold screen has the advantages of low temperature rise, low heat, low power consumption, long life and good display effect, and is expected to become the new favorite of outdoor display applications.

