Detection method of ir led strips ----- 940nm infrared light

The 940nm infrared light strip is also called ir led strip, which emits light when energized work, the human eye can not see, because of that, a lot of trouble to the testing work. Because the 940nm infrared light board is comprised of a plurality of 940nm high intensity ir led strips light source, and to detect which there is no bright lights is very difficult. The so-called red storm, it is the advantages, difficulties and its detection, because the human eye can not see the light.in here we don't know which were good or bad for our products.

There are a lot of complexity that Detection 940nm infrared light strip compared with the 850nm infrared light strip. Because the 850nm infrared led strip, only need to power in a dark environment energized, you can see the faint red light emitted by the IR LED lamp. What lit lamp beads, lamp beads which no light, to see that, then we only need to mark that led light position, will be replaced. We will soon find out. The 940nm infrared spectra has remained outside human perception, to detect the working state of each lamp, cannot rely on the human eye, but also need the help of some equipment for the test job. Talk about test equipment, we feel sure that whispered, how much money to spend for the test equipment!

In fact, we are talking about equipment, everyone has, do not have to spend a penny, the equipment is the mobile phone. Now the phone has a camera basically, while the vast majority of cell phone cameras are based on CMOS chip solutions, so in fact they are also feeling 940nm infrared light. We will 940nm infrared light power open the phone camera mode, then you can see every bead lamp will emit less white, is not very easy to detect which ir led does not light! In fact, through the mobile phone camera to detect 940nm infrared light strip is good or bad, mainly use the perception principle --- camera spectral range more broad-minded than the human eye, widely so that,after we test the lamp board becomes much easier. That way you don't need much time for test work.