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In recent years, with the increasing progress of the CCD and DSP technology, low-light ip camera are increasingly mature and stable, and used in many fields, but industry experts believe that low-light camera is not the mainstream market, and only in certain circumstances,such as adding a light source higher cost or not easy to install light, low-light cameras(

best ip camera) can play a role.

Low-light camera technology

The most central parts of the surveillance ip camera image sensor CCD, ie, charge-coupled devices, low-light camera's minimum illumination is actually the CCD's sensitivity to ambient light, normal imaging required darkest light. The unit of illuminance is Lux (Lux), the smaller the value, the less light needed and the more sensitive the hd ip camera.

Market applications up to two CCD Sony's Japan SuperHADCCD Ex-viewHADCCD,. These two structures, each pixel of the CCD are positioning the OCL lens, the lens focused the light shooting sensitive area, so that sensitivity to improve. On this basis, ExviewHAD goes a big step, so that OCL has a near zero-gap structure has a lower SmearLevels its use of patented technology will be the opening of the CCD for each pixel rate, it makes a small hole accumulated layer to receive the maximum number of light, thus achieving more illumination requirements. Ex-viewHADCCD camera, sensitive to outside light will greatly improve its sensitivity can be increased to four times the ordinary wireless ip camera.

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ip camera,best ip camera, surveillance ip camera, hd ip camera, wireless ip camera

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