

This time, we will introduce the high dynamic range (HDR) synthesis function which added newly in our HD camera GR200 HD2.

HDR synthesis is a technique for representing a wider dynamic range than normal images. Convert the original image with very large contrast to the image with reduced contrast.

Even with an object with large contrast difference, it is possible to reduce the blackout or blown out highlights and obtain brilliant images of every corner.

For example, if you shoot subjects with brightness differences in normal mode and HDR mode, the difference will be as shown in the picture below.

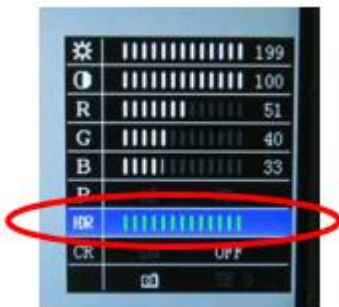
Normal Mode



HDR Mode



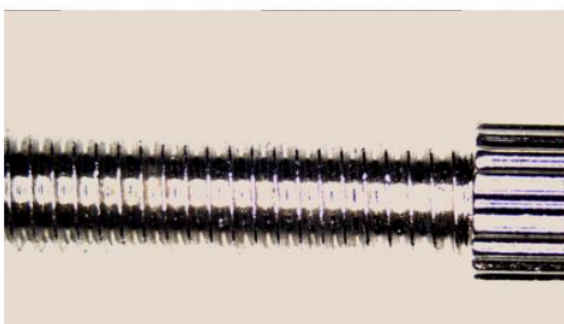
You can display HDR synthesis image with HD camera GR200HD by operating the HDR item on the menu screen. (the red circle portion of the picture below)



By applying this HDR function, you can take pictures with reduced halation. (However, because it is an effect of widening the dynamic range, it does not make dynamic range infinite. So halation can not be completely eliminated.)

Screw

Normal Mode

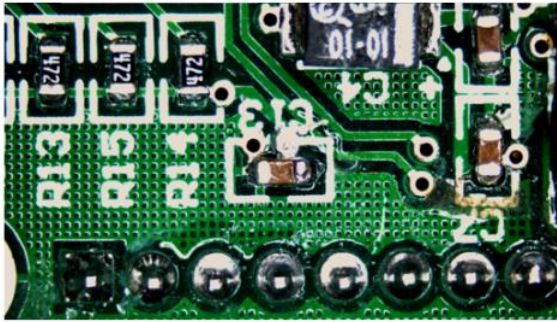


HDR Mode

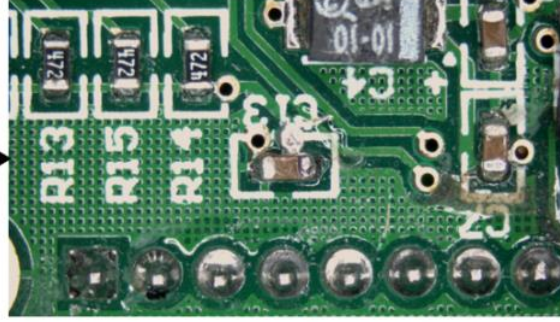


Printed substrate

Normal Mode

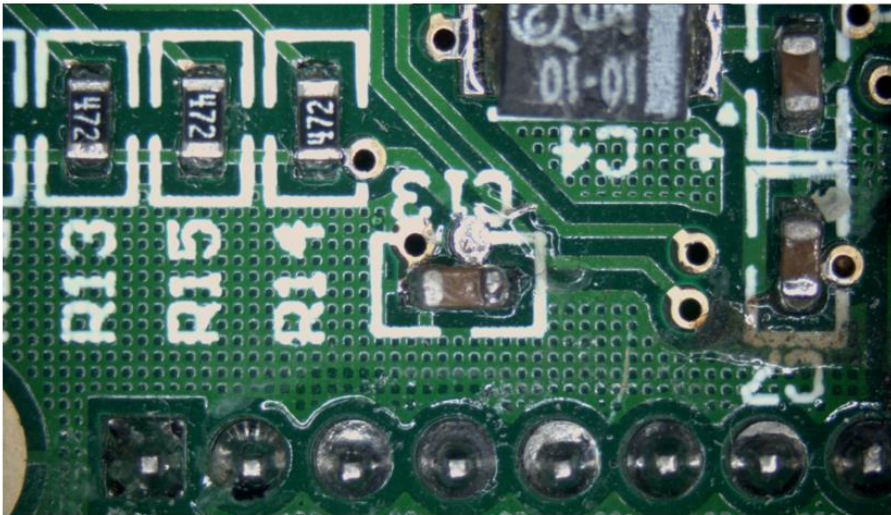


HDR Mode



When this HDR function is combined with a filter or reflector, the effect will be further improved.

HDR Mode + Polarization filter



HDR Mode + White V block (background)

