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UI-5580CP Rev. 2









Illustrations may differ from the original

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The UI-5580CP Rev. 2 is fitted with the 4.92 megapixel CMOS sensor (MT9P006STC - color version) from onsemi. About half an inch in size, the sensor delivers a resolution of 2560 x 1920 pixels as well as rolling and global start shutter features. Thanks to the innovative A-Pix™ pixel technology, the sensor is extremely sensitive to light, which makes it an affordable alternative to many CCD sensors currently available on the market. This also makes the camera particularly suitable for applications that require maximum precision in color rendering and crystal clear image quality.

The A-Pix™ pixel technology is based on the gathering of light by a light guide, which directs the gathered incident light from the color filter to the surface of the photo diode. Structure and process improvements in pixel technology have increased the sensitivity of the sensor in the red and green range in particular by up to 30% compared to the previous version of the sensor.

Monochrome version: UI-5480CP Rev. 2

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