



GMAX2505

5 MP GLOBAL SHUTTER IMAGE SENSOR

Featured with world smallest charge domain global shutter pixel, GMAX2505 is the new member of GMAX series C-mount line up after GMAX2505. It offers 5 MP (2600 x 2160) resolution in 1/2" optical format, operates with true CDS for low noise and high dynamic range. In addition, it has excellent PLS and angular response thanks to the light pipe technology.

GMAX2505 supports 10 bit and 12 bit output and is offered in two speed variances matching industrial standard camera interface speeds. The full speed version consists of 20 sub-LVDS data output channels each running at maximum 960 MHz, offering full resolution frame rate of 290 fps at 10 bit output and a total data throughput of 19.2 Gbps. The high frame rate increases system throughput for industrial inline inspections and enables precise operation at high speed.



Key Features and Benefits

- ▶ 2.5 μm Global Shutter Pixel
- ▶ High Resolution GS in 1/2" Optical Format
- ▶ High Data Throughput up to 19.2 Gbps
- ▶ Low Noise Global Shutter
- ▶ Good PLS and CRA

Application

- ▶ Automation & Inspection
- ▶ Logistic & Positioning
- ▶ Metrology
- ▶ Motion Capture

