

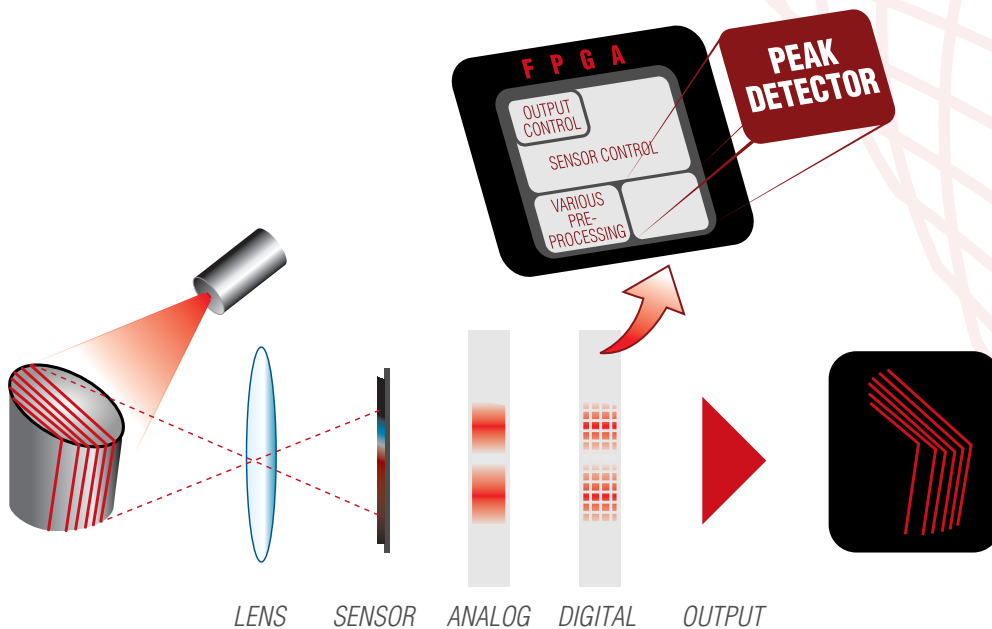
Peak Detector

product sheet

AQSENSE light stripe peak detector allows the detection of the maximum intensity point of a light stripe, with sub-pixel accuracy.

The detector operates on 2D images, in a row-by-row manner and is able to perform at the maximum detection accuracy at the maximum camera speed.

The peak detector is provided as an IP block to be incorporated into FPGA chips, enabling the fast acquisition on customizable, programmable machine vision hardware.

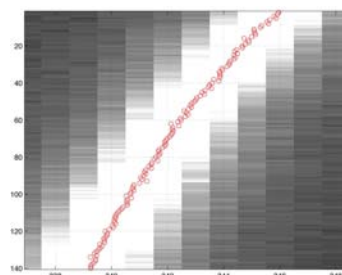


Technical Features:

- Resolution up to 1/64th of a pixel.
- Up to 80MHz image sensor output
- 1, 2 or 4 TAP operation

Easily integrable into existing Xilinx (Spartan3 or higher) or Altera (Cyclone or higher) FPGA based camera control designs.

Compatible with ISE8.2 and higher or QuartusII 6.0 or higher.



Maximum Point Detection