Photonfocus – Engineering the Extraordinary

As a Swiss pioneer and technological leader in CMOS image sensor and camera design Photonfocus offers a broad range of state-of-the-art sensors, camera solutions and accessories. Our robust, high performing quality products meet the expectations of the most demanding customers. Furthermore, we have dedicated our extensive engineering know-how to developing and customizing individual solutions based on our software defined camera platforms as a reliable long-term partner and according to our customers’ specific needs.

**Photonfocus imaging solutions include:**

- 3D cameras for laser-triangulation
- Hyperspectral cameras for high precision inspection applications
- High Speed cameras for sports and motion analysis
- OEM modules, board level cameras and custom designs for machine vision applications, optical metrology or other individual customer needs
- Accessories

Interested? Contact us for more information:

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Photonfocus 3D Cameras for Laser-Triangulation

As a Swiss-based pioneer in CMOS cameras and sensors since 2001, Photonfocus is dedicated to solutions that stand out from the crowd. With our comprehensive engineering know-how dating back to the early days of 3D technology, we are continuing to help our customers make their inspection, sorting and tracking applications faster, easier and more accurate, enhancing the performance of automated industrial processes. Offering both standard and customized solutions, our reliable, versatile and powerful cameras with high triangulation rates are made for easy integration and perfect fit within your 3D vision system.

Areas of Application

- Industrial Applications, such as bin picking and optical metrology
- 3D Welding Inspection: car body, tailored blanks, gears and more
- Railway Industry: railway inspection, catenary inspection, wheel inspection
- Medical: implants, including dental
- Food Industry: inspection, sorting, calibration
- Wood Industry: size, cracks, quality, fungizide inspection
- PCB and Electronics: solder paste and BGA inspection
- OEM Solutions: heavy industry profile scanning, food scanning
- Ceramic Industry: form accuracy

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LinLog® = The patented LinLog® technology is unique to Photonfocus sensors, allowing for a high dynamic range, designed for demanding and changing light environments such as in welding inspection, where other technologies fail to deliver high quality images.