
**Title: Alrad sign official distributor agreement with
Coherent**

Alrad is pleased to announce it has signed an agreement to act as an official distributor in the British Isles for Coherent's Lasiris lasers applied to Machine Vision.



Coherent's world-renowned Lasiris™ range of structured light Lasers include the SNF laser that offer structured light patterns including single and multiple laser lines with uniformity down to $\pm 15\%$. Fan angle and working distance can be tailored to match your application.

What distinguishes the SNF laser from conventional lasers (with cylindrical optics) is the evenness of the illumination pattern.

Lasiris™ lasers incorporate an optical line generator that eliminates Gaussian distribution of the light, resulting in the most uniform laser lines on the market. The design provides superior quality light patterns while avoiding the intricacies of installation alignment and detector calibration. Other light patterns such as square, circles, dotted lines; grid or cross hair are also available.

Coherent's Lasiris™ Magnum laser is a high-power (up to 7W) line generator developed for the most demanding industrial applications. It is available with a wide selection of output powers and fan angles and generates a uniform intensity distribution using line generating optics. In addition, the laser has high beam pointing and focusing stabilities.



The Magnum II has fully protected electronics as well as a bipolar thermoelectric cooler used to keep the laser diode at a constant temperature. The laser beam can be adjusted by an external signal and all models can operate in either CW or external modulation mode.

The standard unit provides voltage outputs proportional to the beam power, laser diode current and laser diode temperature, for external monitoring.

Lasiris SNF and Magnum II lasers are ideal for a wide range of Image analysis applications including 3D contour mapping and profiling, high precision surface analysis, web inspection etc. A full range of applications is shown on our web site www.alrad.co.uk.

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