

A press release by SensoPart Industriesensorik GmbH, Black Forest, Germany

VISOR® V20 – optical character recognition with sharp vision

Wieden/Gottenheim, June 2012 – Unique: the new vision sensor by SensoPart combines object detection, code reading and OCR in a single device.

SensoPart's code reader with integrated object detection has already convinced countless users. The new now also includes an OCR detector for optical character analysis. By combining three functions: object detection, code reading and OCR in one compact device, SensoPart from Gottenheim, Germany offers with VISOR® V20 code reader a performance scope that is unique amongst vision sensors.

High resolution

High resolution with a 1.3 megapixel image chip enables successful use in applications where a standard VGA resolution would flounder. These are generally applications in which one or several small codes are to be detected within a large search range. For example, up to 48 codes can be detected on a microplate for an automated pipetting system in just one reading cycle.

Additional imaging options

The variable focus can be adapted to virtually any operating range. If the full image resolution is not required in applications, the V20 offers additional imaging options: the user can choose between different image sections and three different software-simulated focal widths (6, 12 and 25 mm). The sensor can, therefore, be flexibly adjusted to different object sizes and detection ranges without the need to change the lens or alter the mounting position.

Suited for use in China

The user interface is now also available in Chinese language. The fast V20 processor enables up to 50 code readings per second which can be evaluated through the integrated RS232

Contact:

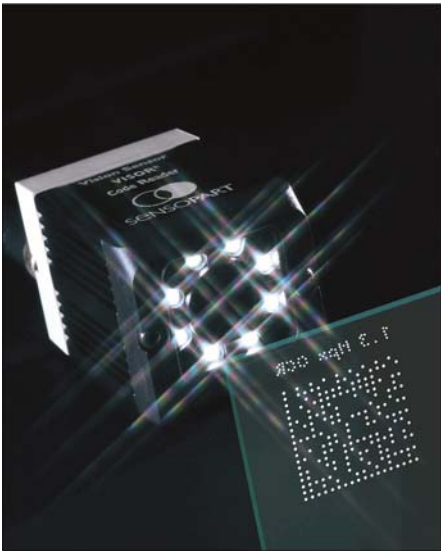
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interface. With regard to installation, operating software and interface protocols, VISOR® V20 is entirely backward compatible with the proven VISOR® V10 series.

[FIGURE: VISOR_V20_Code Leser_OCR.jpg]



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Sensopart Industriesensorik GmbH

The sensor manufacturer Sensopart, based in Wieden near Todtnau, and also in Gottenheim near Freiburg since 2001, develops, produces and sells sensors for industrial applications. The main focus is on optoelectronic sensors, particularly laser sensors, which are used in so many industrial applications, and high-performance vision sensors for the detection of objects, colours or data matrix codes.

The past years have been marked by a strong growth in turnover and the regular launch of new, innovative products. Sensopart has received several distinctions for its work, for example the Dr. Rudolf-Eberle Prize, 1st place in the Baden-Württemberg Prize for the Promotion of Young Companies, and has been awarded the German Sensor Application Prize several times. Further information can be found online under:

<http://www.sensopart.com>

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