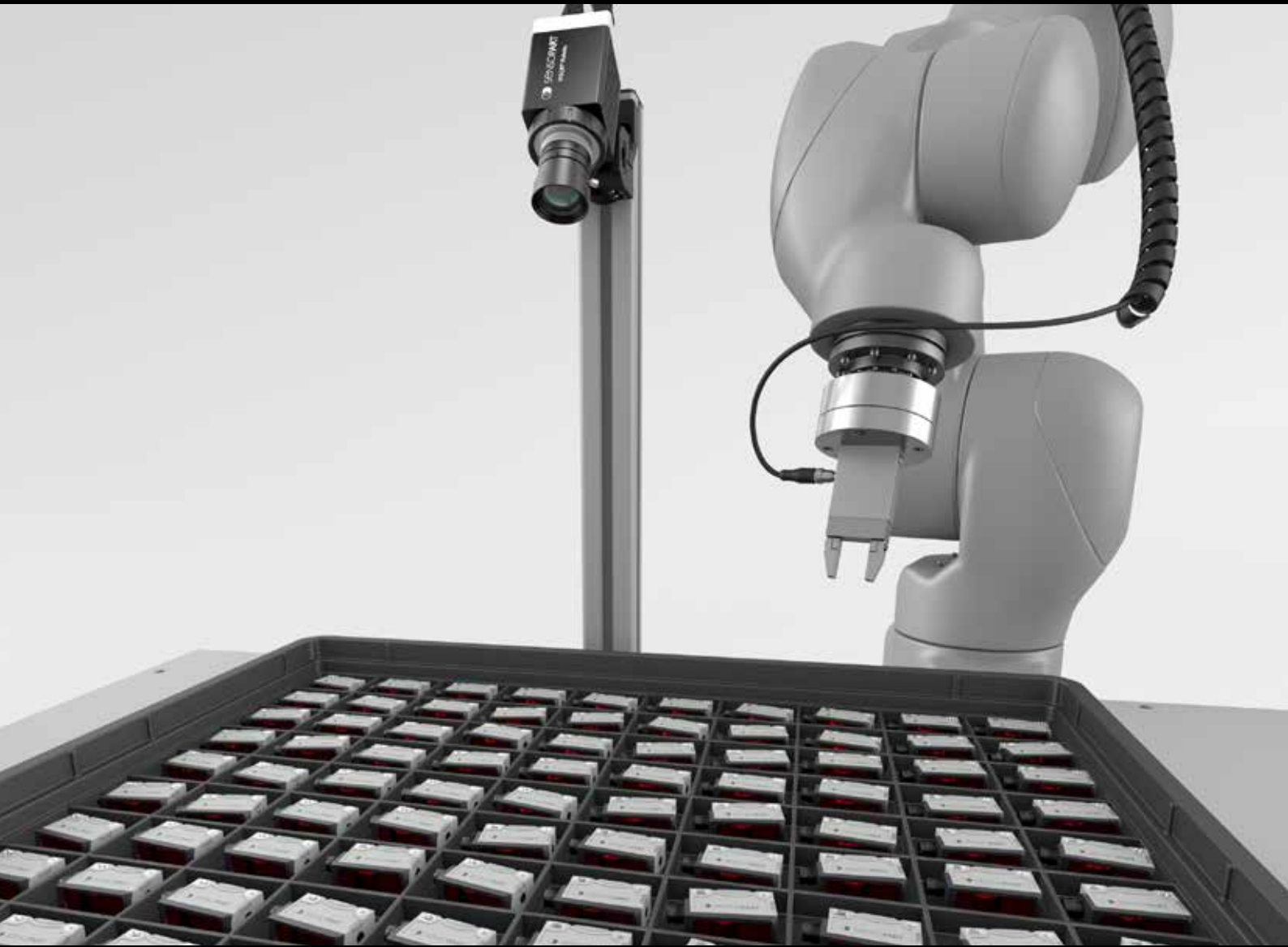


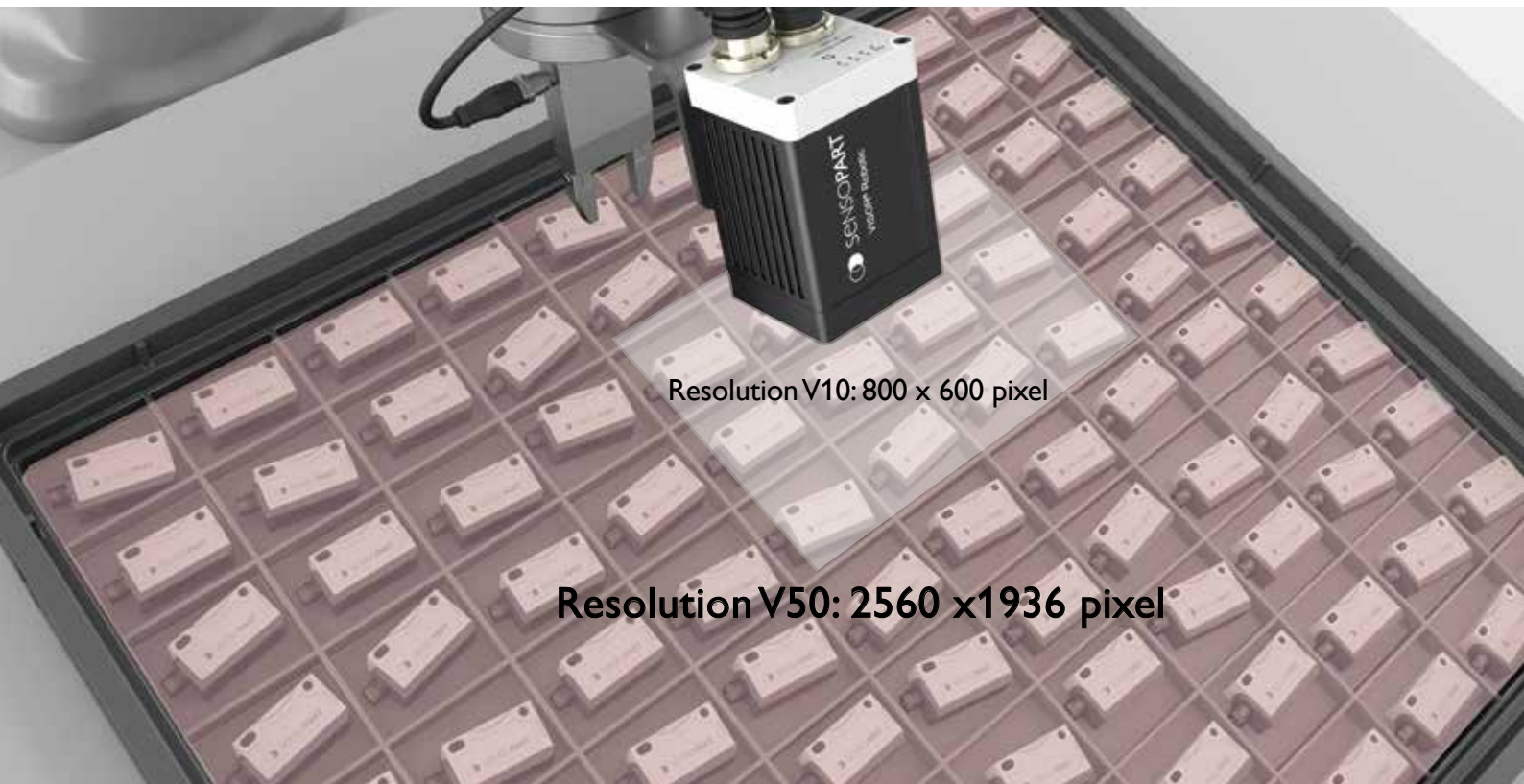
VISOR® V50

Five megapixels for greater detail



VISOR® V50

Detects everything in one glance



The **VISOR® V50** allows the detection of many more object details in a single glance.

made in Germany

SensoPart presents a new addition to its established vision sensor family: **VISOR® V50**. With **2560 x 1936 pixels**, the new **VISOR® V50** offers an image resolution that is three times greater than that of standard vision sensors.

These new sensors achieve an image quality that was previously only available with expensive, complex vision systems; the potential applications of the user-friendly vision sensors have therefore been considerably expanded.

The field of view or operating distance can be flexibly adapted to the most diverse requirements by selecting a suitable **C-mount lens**. For example, the tiniest details can be identified at a long range in a narrow image section, while multiple component characteristics or several individual components can be detected simultaneously with a wide field of view.

In certain applications, one **VISOR® V50** can replace up to four vision sensors with a normal resolution, thereby saving costs.

HIGHLIGHTS OF VISOR® V50

- Vision sensor with resolution of 5 megapixels in compact housing
- Expansion of product family to include high-resolution version
- Precise detection of smallest details
- Reduced installation costs with large fields of view

High performance in a compact design

With a resolution of 5 megapixels, the **VISOR®V50** is unique on the market. Thanks to global shutter technology which records the entire search field in a single image, the **VISOR®V50** is not just faster but also supplies better results in certain applications – for example when reading moving bar codes.



With an image resolution of 1.5 megapixels, the contours remain partly blurred.



With an image resolution of 5 megapixels, the contours appear clearly and the detection of even smaller details is possible.


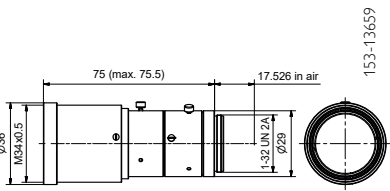
VISOR®V50 – Product overview				
Order reference	Product variants	Resolution	Field of view	Article no.
V50x-ALL-P3-C-2	Professional	2560 × 1936 mono/color	C-Mount	635-91006
V50C-ALL-P3-C-2				635-91009
V50x-OB-A3-C-2	Advanced	2560 × 1936 mono/color	C-Mount	635-91016
V50C-OB-A3-C-2				635-91019
V50-RO-P3-C-2	Professional	2560 × 1936 mono/color	C-Mount	635-91040
V50C-RO-P3-C-2				635-91043
V50-CR-A3-C-2	Advanced	2560 × 1936 mono	C-Mount	635-91033
V50-CR-P3-C-2	Professional			635-91026
V50-SO-A3-C-2	Advanced	2560 × 1936 mono	C-Mount	635-91044S

Accessories

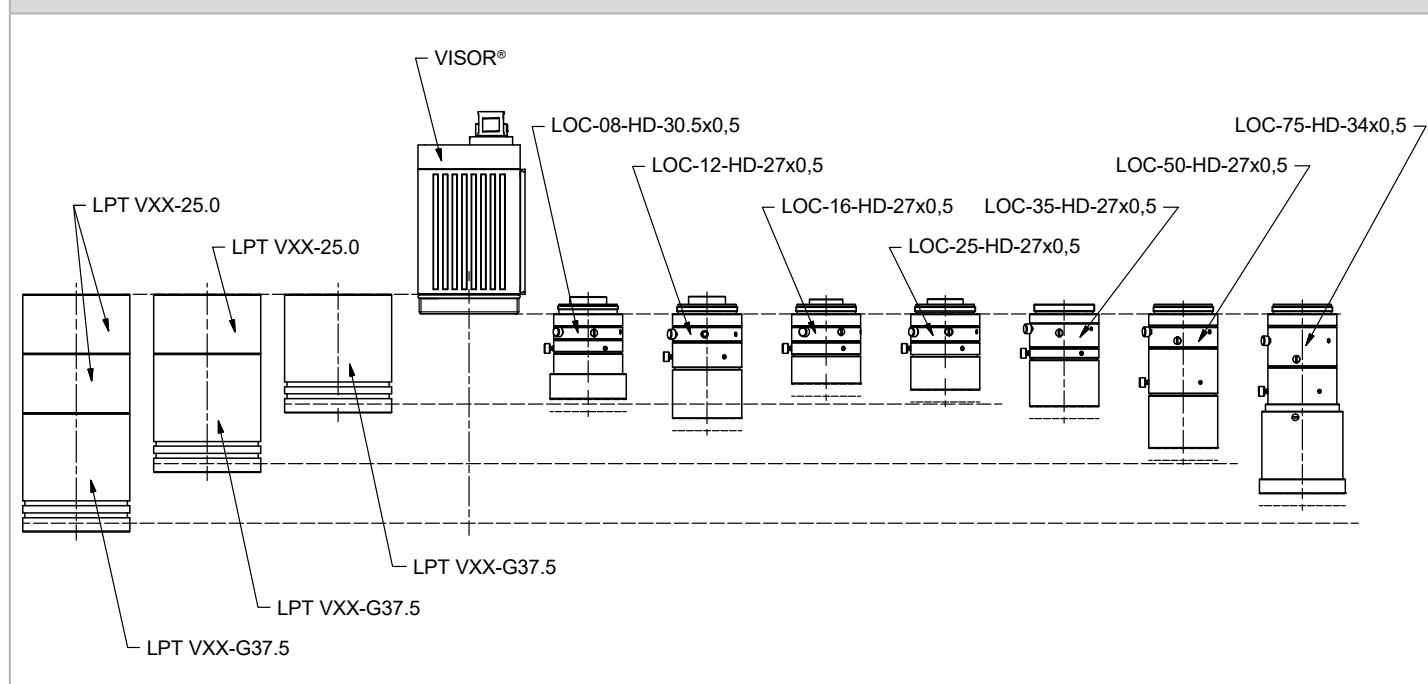
Lenses

Lenses, C-mount			
		Part number / Article number	LOC-08-HD-30.5x0.5 / 526-51535
		Description	C-mount lens 8 mm focal length Aperture/focus: manual Filter thread: 30.5x0.5 Diameter: 32 mm Max. length: 36 mm Weight: 63 g
		Suitable for	V10 / V20 / V50 C-Mount
		Part number / Article number	LOC-12-HD-27x0.5 / 526-51536
		Description	C-mount lens 12 mm focal length Aperture/focus: manual Filter thread: 27x0.5 Diameter: 29 mm Max. length: 44 mm Weight: 65 g
		Suitable for	V10 / V20 / V50 C-Mount
		Part number / Article number	LOC-16-HD-27x0.5 / 526-51537
		Description	C-mount lens 16 mm focal length Aperture/focus: manual Filter thread: 27x0.5 Diameter: 29 mm Max. length: 29.5 mm Weight: 40 g
		Suitable for	V10 / V20 / V50 C-Mount
		Part number / Article number	LOC-25-HD-27x0.5 / 526-51538
		Description	C-mount lens 25 mm focal length Aperture/focus: manual Filter thread: 27x0.5 Diameter: 29 mm Max. length: 32 mm Weight: 65 g
		Suitable for	V10 / V20 / V50 C-Mount
		Part number / Article number	LOC-35-HD-27x0.5 / 526-51539
		Description	C-mount lens 35 mm focal length Aperture/focus: manual Filter thread: 27x0.5 Diameter: 29 mm Max. length: 39 mm Weight: 51 g
		Suitable for	V10 / V20 / V50 C-Mount
		Part number / Article number	LOC-50-HD-27x0.5 / 526-51540
		Description	C-mount lens 50 mm focal length Aperture/focus: manual Filter thread: 27x0.5 Diameter: 29 mm Max. length: 56.5 mm Weight: 69 g
		Suitable for	V10 / V20 / V50 C-Mount

Lenses, C-mount (Cont.)

		Part number / Article number	LOC-75-HD-34x0.5 / 526-51541
		Description	C-mount lens 75 mm focal length Aperture/focus: manual Filter thread: 34x0.5 Diameter: 36 mm Max. length: 75.5 mm Weight: 96 g
		Suitable for	V10 / V20 / V50 C-Mount

Possible combinations for C-mount protective housings



Accessories, lenses

	Part number	Article number	Description
	LR 5	543-11011	Intermediate ring 5 mm
	ETS	527-51143	Intermediate ring set: 1 x 0,5 mm 1 x 10 mm 2 x 1 mm 1 x 20 mm 1 x 5 mm 1 x 40 mm
	Part number	Article number	Description
	LOF-PF-30.5x0.5	526-51531	Polarizer filter; linear; for C-mount lenses, anti reflex, rotatable window with fixture, filter thread M30.5x0.5
	LOF-PF-27x0.5	526-51544	Polarizer filter; linear; for C-mount lenses, anti reflex, rotatable window with fixture, filter thread M27x0.5
	LOF-PF-34x0.5	526-51545	Polarizer filter; linear; for C-mount lenses, anti reflex, rotatable window with fixture, filter thread M34x0.5



"We gauge ourselves not by what is possible today, but by our vision of what can be achieved" – this has been our motto since the foundation of SensoPart in 1994. Our goal is to always be a step ahead and to be able to offer our customers the most innovative sensor for industrial automation.

True to this motto, we offer easy-to-integrate VISOR® vision sensors and compact laser sensors with outstanding background suppression made in Germany.

We still also have plenty of ideas for the future - watch this space.

SENSOR TECHNOLOGY

- | | |
|------------------------|--------------------|
| Light barriers | Vision sensors |
| Diffuse sensors | Smart cameras |
| Laser sensors | Vision systems |
| Miniature sensors | Object detection |
| Distance sensors | Object measurement |
| Color sensors | Color detection |
| Contrast sensors | Code reading |
| Anti-collision sensors | Lighting |
| Slot sensors | Lenses |
| Fiber-optic sensors | |
| Inductive sensors | |
| Ultrasonic sensors | |

Germany

SensoPart
Industriesensorik GmbH
Nägelseestraße 16
79288 Gottenheim
Tel. +49 7665 94769-0
info@sensopart.de

France

SensoPart France Sarl
662, rue des Jonchères – Bât. A
F-69730 GENAY
Tel. : +33 164 730061
info@sensopart.fr

Great Britain

SensoPart UK Limited
Pera Business Park, Nottingham Road
Melton Mowbray, Leicestershire
LE13 0PB
Tel. +44 1664 561539
uk@sensopart.com

USA

SensoPart Inc.
30600 Telegraph Rd.
Suite 2345,
Bingham Farms, MI, 48025
usa@sensopart.com

China

SensoPart China
202, No. 35, Lane 1555
West Jinshajiang Road, Jiading District
201803 Shanghai
Tel. +86 21 69017660
china@sensopart.cn