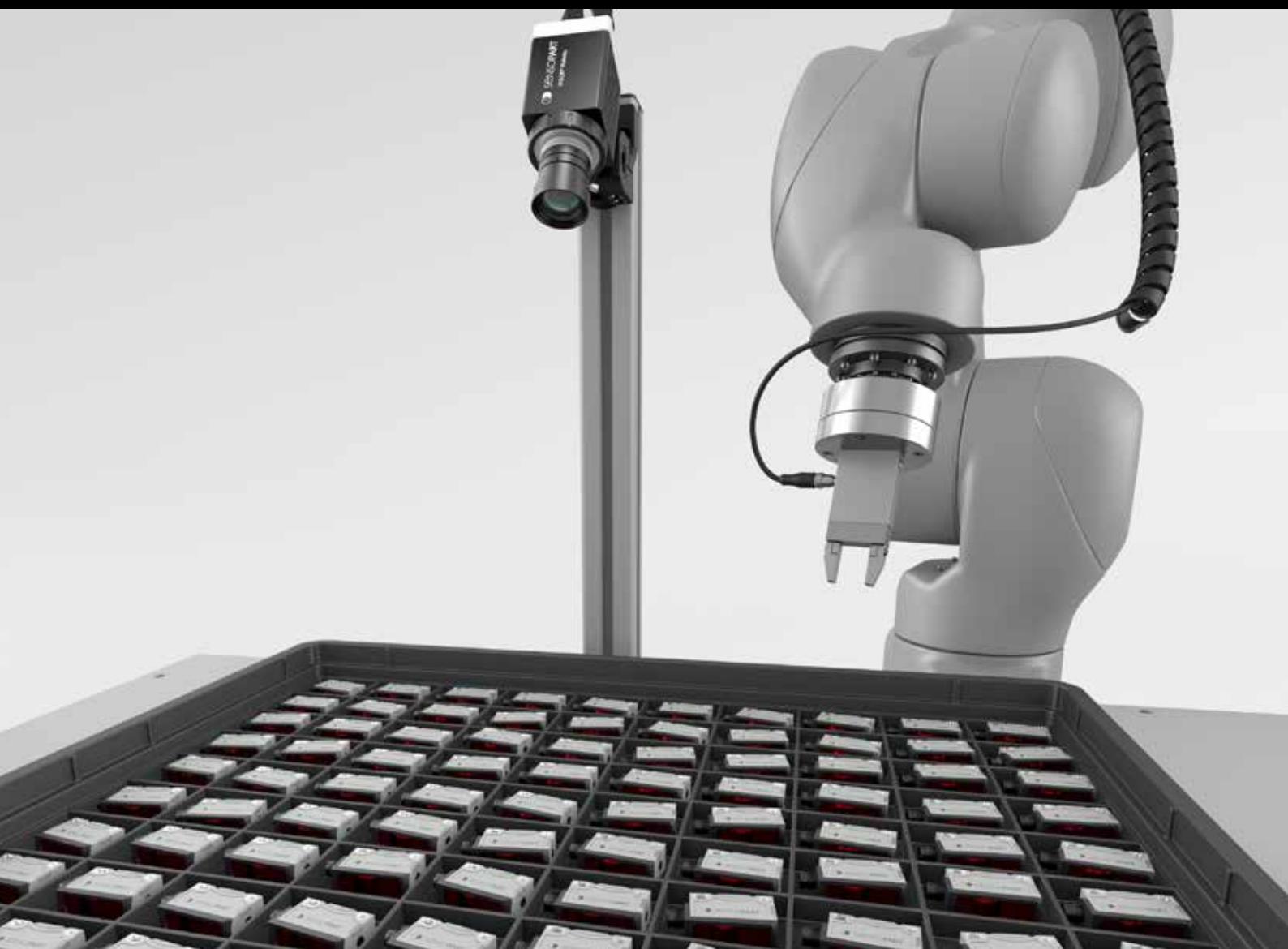


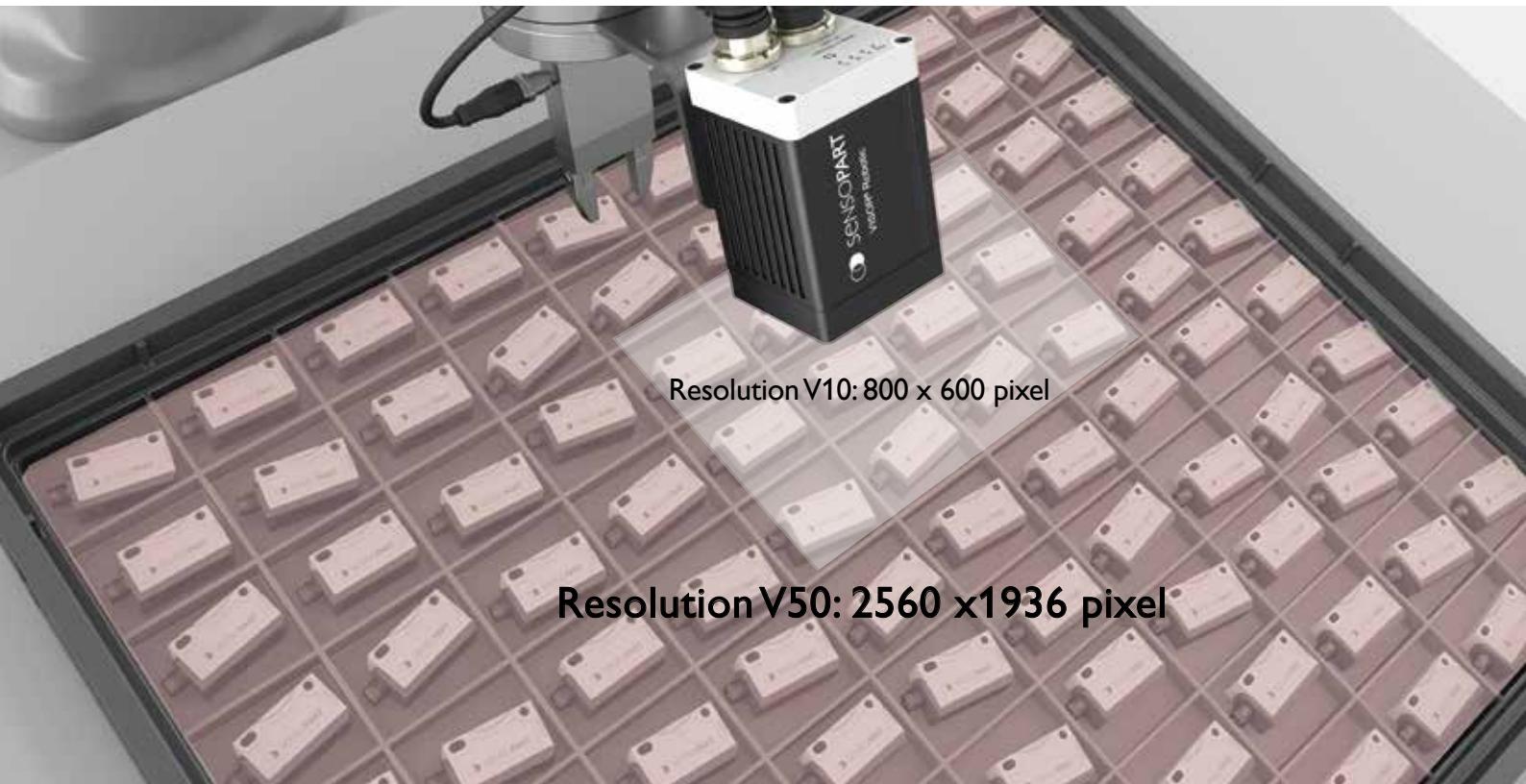
## VISOR® V50

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.

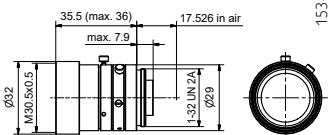
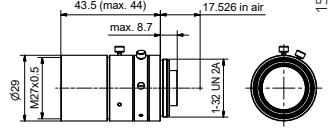
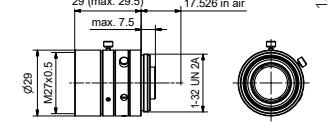
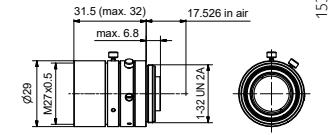
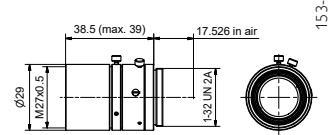
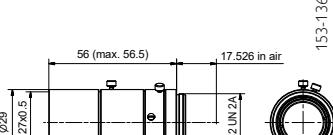


With an image resolution of 5 megapixels, the contours appear clearly and the detection of even smaller details is possible.

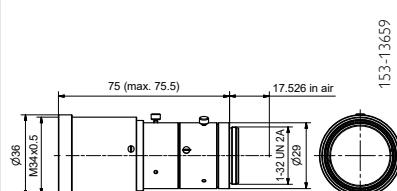
VISOR® V50 – Product overview				
Order reference	Product variants	Resolution	Field of view	Article no.
V50x-ALL-P3-C-2	Professional	2560 x 1936 mono/color	C-Mount	635-91006
V50C-ALL-P3-C-2				635-91009
V50x-OB-A3-C-2	Advanced	2560 x 1936 mono/color	C-Mount	635-91016
V50C-OB-A3-C-2				635-91019
V50-RO-P3-C-2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

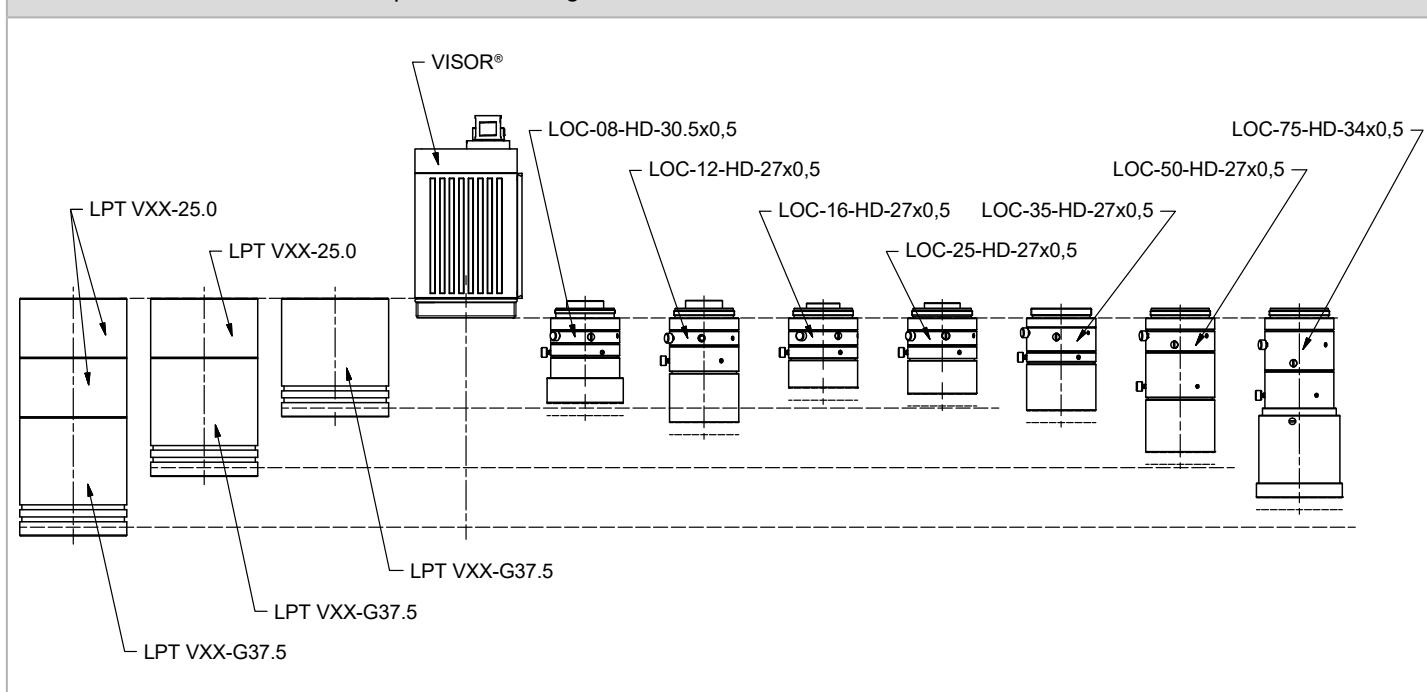
# Accessories

## Lenses

Lenses, C-mount			
	 153-13653	Part number / Article number	LOC-08-HD-30x0.5 / 526-51535
		Description	C-mount lens 8 mm focal length Aperture/focus: manual Filter thread: 30x0.5 Diameter: 32 mm Max. length: 36 mm Weight: 63 g
	 153-13654	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
	 153-13655	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
	 153-13656	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
	 153-13657	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
	 153-13658	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
		Description
		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	
	Part number	Article number	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
	ETS	527-51143	
	Part number	Article number	Description
	LOF-PF-30.5x0.5	526-51531	
	LOF-PF-27x0.5	526-51544	
	Part number	Article number	Polarizer filter, linear, for C-mount lenses, anti reflex, rotatable window with fixture, filter thread M30.5x0.5
	LOF-PF-34x0.5	526-51545	



"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	

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