



Sales Engineer for Machine Vision Products: Roland Ackermann

We are happy to introduce our new team member, Mr. Roland Ackermann. Roland joined our team in Hamburg as product manager on 4th May. His work focusses on industrial camera technology. Roland studied photo engineering in Cologne and afterwards worked with a renowned industrial camera manufacturer in international pre-sales support for several years.

Roland Ackermann

T: +49-(0)40 532013341

F: +49-(0)40 532013339

M: +49-(0) 174 9097426

E: roland.ackermann@eu.ricoh-imaging.com

NEW: Lenses Compatible with 1", 9 Megapixel Sensors

This lens series is currently available from stock. In addition to the extremely high resolution, the lenses are characterised by low distortion, highly even light distribution over the whole image and durable, industrial design.



Despite the fast F-Stop, all models are compact in design, enabling the filter thread in this series to be standardised at M40.5 x 0.5P. Like all RICOH machine vision lenses, this series is also equipped with 3 cross head fixing screws for

both, focus and iris ring. In the package of each lens is also a set of two thumb screws.

Technical Specification:

Designation	FL-BC2518-9M	FL-BC3518-9M	FL-BC5024-9M	FL-BC7528-9M
Format	1"			
Mount	C			
Focal Length	25 mm	35 mm	50 mm	75 mm
Iris Range	1.8 - 16	1.8 - 22	2.4 - 22	2.8 - 32
Pixel Pitch	3.69 µm			
Min. Object Distance	0.1 m	0.15 m	0.2 m	0.25 m
Filter Thread	40.5			

Newsletter

1/2015

With this newsletter we would like to inform you about new products, current developments and interesting facts from RICOH IMAGING's, MACHINE VISION DEPARTMENT.

The topics in this newsletter:

- A NEW MEMBER IN THE TEAM: ROLAND ACKERMANN, SALES ENGINEER FOR MACHINE VISION PRODUCTS
- LENSES COMPATIBLE WITH 1" SENSORS AND 9 MEGAPIXEL RESOLUTION
- A CAMERA WITH EXTENDED DEPTH OF FIELD, 5 MEGAPIXEL RESOLUTION AND 53 FRAMES PER SECOND
- LENS SETS IN A BOX: BVS-4.2 AND BVS-6
- CUSTOMS TARIFF CODES ON OUR WEBSITE

Thank you for your interest!

Yours

RICOH IMAGING
DEUTSCHLAND GmbH
Industrial Optical Systems Division

Thomas Feichtner
Head of Machine Vision Department

RICOH IMAGING
DEUTSCHLAND GmbH
Industrial Optical
Systems Division

Am Kaiserkai 1
20457 Hamburg, Germany
T: +49 (0)40 532 01 33 66
F: +49 (0)40 532 01 33 39
E: iosd@eu.ricoh-imaging.com

www.ricoh-mv-security.eu

NEW: High-Res EDoF-Camera with 5 MP Resolution

In addition to the already launched series of extended depth of field cameras, a new model with 5 megapixel resolution will be introduced. Compared to a standard camera, an extended depth of field camera provides 3 to 5 times larger depth of field at the same sensor size, focal length and iris position, enabling a machine vision system to be built more compactly and inexpensively. Possible applications for this camera system are inspecting high-density circuit boards, automobile parts or scratches on uneven printing surfaces such as food packaging, PET bottles, cans and other similar products. Together with the camera, 3 specially designed lenses with focal lengths 25mm, 50mm and 75mm will be introduced.



Product	Camera
Designation	EV-L500C1
Format	1" Colour-CMOS
No. of Pixel	2560 x 2048
Pixel Pitch	5.0 x 5.0 µm
Framerate	up to 53 fps
Interface	Camera Link™
Dimensions	50 W x 50 H x 35 L mm
Weight	140 g

Product	Lenses		
Designation	EL-BC2550-5M	EL-BC5090-5M	EL-BC751L-5M
Format	1"		
Focal Length	25 mm	50 mm	75 mm
F-Stop (fix)	5.0	9.0	10.5
Min. Object Distance	0.1 m	0.2 m	0.25 m
H Angle of View	28.8 °	14.6 °	9.8 °
Dimensions	42 D x 57.5 L mm	42 D x 69 L mm	42 D x 81 L mm
Weight	149 g	166 g	189 g



2 NEW Lens Sets in a Case: BVS-4.2 and BVS-6

Due to popular demand we have re-launched the well-known lens set with our „old“ 2 mega-pixel lens series. As usual, it is supplied in a durable case with extension tube set, lens-cleaning pen and a tool kit.

Also our new lenses with 9 megapixel resolution will be available as a set in a stylish and sturdy case, accompanied by the extension ring set and tool kit. In the case these valuable lenses are always ready to hand, protected against damage or dust when transported, in the lab or workshop.

Article Code	C99202	C99203 (available summer 2015)
Designation	BVS-4.2	BVS-6
Content	FL-HC6014-2M FL-HC1214-2M FL-CC1614-2M FL-CC2514-2M FL-CC3516-2M FL-CC5028-2M FL-CC7528-2M FP-RGST Extension Ring Set WS-1 Tool Kit RP-2 Lens Cleaning Pen	FL-BC2518-9M FL-BC3518-9M FL-BC5024-9M FL-BC7528-9M FP-RGST Extension Ring Set WS-1 Tool Kit



Updated: List of Customs Tariff Codes and Country of Origin on our Website

Due to the launch of many new products and some discontinued models, we have updated the list of customs tariff codes and countries of origin for our customers with export business. The list is available in the download area of our website under:

English: http://www.ricoh-mv-security.eu/dcms_index.php?id=6034&lang=en
 German: http://www.ricoh-mv-security.eu/dcms_index.php?id=6034&lang=de
 French: http://www.ricoh-mv-security.eu/dcms_index.php?id=6034&lang=fr