

# Xenon-Emerald

Many camera manufacturers are using the F-Mount bayonet, the V48 or the Canon bayonet as the camera/lens interface of their high resolution area and line scan cameras.

Schneider-Kreuznach has addressed these topics with the new lens series Xenon-EMERALD. The low distortion lenses with an image circle diameter of 43.2mm are compact, robust and lockable in distance and aperture. They are designed for close up range

(S) and long range (L) and optimized for a uniform image quality over the whole sensor area.

The 400-1000nm broadband coating makes them suitable for applications in the visible and near infrared spectrum. The variety of alternative mounts makes them even more flexible for a wide range of applications in machine vision, quality control, web inspection and other image processing applications.

## Xenon-Emerald

product	mount	focal length (F) in mm	aperture (f)	image circle in mm / (Sensor )	recommended magnification range	length in mm	lens Ø max in mm	Filter-thread	weight in grams	code no.
XENON-Emerald 2.8/28-L	F-Mount	28	2.8 - 22	43.2	-0.02 - (-0.05)	101.8	65	M 62 x 0.75	516	1071606
XENON Emerald 2.8/28-S	F-Mount	28	2.8 - 22	43.2	-0.03 - (-0.08)	102.2	65	M 62 x 0.75	517	1071609
XENON Emerald 2.8/28-L	V48-Mount	28	2.8 - 22	43.2	-0.02 - (-0.05)	101.8	65	M 62 x 0.75	522	1071610
XENON Emerald 2.8/28-S	V48-Mount	28	2.8 - 22	43.2	-0.03 - (-0.08)	102.2	65	M 62 x 0.75	523	1071611
XENON Emerald 2.8/28-L	Canon-Mount	28	2.8 - 22	43.2	-0.02 - (-0.05)	101.8	65	M 62 x 0.75	522	1071610
XENON Emerald 2.8/28-S	Canon-Mount	28	2.8 - 22	43.2	-0.03 - (-0.08)	102.2	65	M 62 x 0.75	523	1071611
XENON Emerald 2.2/50	F-Mount	50	2.2 - 16	43.2	0 - 0.2X	43.2	59.6	M 43 x 0.75	203	1062672
XENON Emerald 2.2/50	V48-Mount	50	2.2 - 16	43.2	0 - 0.2X	43.2	55	M 43 x 0.75	207	1070074
XENON Emerald 2.2/50	Canon-Mount	50	2.2 - 16	43.2	0 - 0.2X	43.2	55	M 43 x 0.75	207	1070074
XENON Emerald 4.0/60 -0033	F-Mount	60	4.0 - 16	60	0 - 0.33	43.2	59.6	M 43 x 0.75	ca. 250	1085115
XENON Emerald 2.8/100	F-Mount	100	2.8 - 22	43.2	0.05X - 0.17X	98.2	60	M 43 x 0.75	463	1064881
XENON Emerald 2.9/100	F-Mount	100	2.9 - 22	43.2	0X - 0.05X	102.2	60	M 43 x 0.75	442	1070506
XENON Emerald 2.8/100	V48-Mount	100	2.8 - 22	43.2	0.05X - 0.17X	98.2	60	M 43 x 0.75	463	1064881
XENON Emerald 2.9/100	V48-Mount	100	2.9 - 22	43.2	0X - 0.05X	102.2	60	M 43 x 0.75	442	1070506