

EMERALD

The standard for large sensors

Key Features:

- Image circle: 43.2mm – 90mm
- 5 focal lengths: 28mm – 135mm
- Initial apertures: F2.2 – F5.6
- F-Mount and V48-Mount available
- Covering a wide working distance range

Typical applications:

- Machine Vision
- AOI (Automated Optical Inspection)
- Web inspection
- Factory automation

Name	Aperture	Focal length (mm)	Mount	Sensor size	Type	Size D x L (mm x mm)	Weight (g)	Filter thread	Code	Datasheet
EMERALD 2.8/28 F-SD	2.8–22	28	F	43.2mm	standard	65 x 99.1	517	M62 x 0.75	1071609	Download ↓
EMERALD 2.8/28 V48-SD	2.8–22	28	V48	43.2mm	standard	65 x 99.1	523	M62 x 0.75	1071611	Download ↓
EMERALD 2.8/28 F-LD	2.8–22	28	F	43.2mm	standard	65 x 98.7	510	M62 x 0.75	1071606	Download ↓
EMERALD 2.8/28 V48-LD	2.8–22	28	V48	43.2mm	standard	65 x 98.7	522	M62 x 0.75	1071610	Download ↓
EMERALD 2.2/50 F	2.2–16	50	F	43.2mm	standard	59.6 x 43.2	196	M43 x 0.75	1062672	Download ↓
EMERALD 2.2/50 V48	2.2–16	50	V48	43.2mm	standard	55 x 43.2	202	M43 x 0.75	1070074	Download ↓
EMERALD 4.0/60 F	4.0–16	60	F	62.5mm	standard	59.6 x 43.2	262	M43 x 0.75	1085115	Download ↓
EMERALD 4.0/60 V48	4.0–16	60	V48	62.5mm	standard	55 x 43.2	197	M43 x 0.75	1086887	Download ↓
EMERALD 4.0/80 F	4.0–16	80	F	43.2mm	standard	59.6 x 62.6	439	M43 x 0.75	1085723	Download ↓
EMERALD 4.0/80 V48	4.0–16	80	V48	82mm	standard	55 x 43.2	204	M43 x 0.75	1086888	Download ↓
EMERALD 2.8/100 F-SD	2.8–22	100	F	43.2mm	standard	60 x 98.2	441	M43 x 0.75	1064881	Download ↓
EMERALD 2.8/100 V48-SD	2.8–22	100	V48	43.2mm	standard	55 x 68.4	317	M43 x 0.75	1070119	Download ↓
EMERALD 2.9/100 F-LD	2.9–22	100	F	43.2mm	standard	60 x 101	442	M43 x 0.75	1070506	Download ↓
EMERALD 2.9/100 V48-LD	2.9–22	100	V48	43.2mm	standard	55 x 68.4	318	M43 x 0.75	1073834	Download ↓
EMERALD 5.6/135 V48	5.6–22	135	V48	90mm	standard	55 x 63	t.b.d.	M49 x 0.75	1104199	Download ↓