

PYRITE

These vibration insensitive lenses are designed to be used with large area and line scan sensors under harsh conditions as in many industrial applications.



PYRITE	Aperture	f' (mm)	Mount	Sensor Size (mm)	Type	Size D x L (mm x mm)	Weight (g)	Filter thread	ID
PYRITE 2.8/28 V38	2.8–16	28	V38	30	standard	46 x 33.9	99	M37 x 0.75	1097781
PYRITE 2.8/35 V38	2.8–22	35	V38	30	standard	46 x 36.5	108	M37 x 0.75	1097782
PYRITE 2.8/40 V38	2.8–22	40	V38	43.2	standard	46 x 39	102	M37 x 0.75	1097232
PYRITE 4.0/45 V38	4.0–32	45	V38	43.2	standard	46 x 36.5	94	M37 x 0.75	1097783
PYRITE 2.8/50 V38	2.8–32	50	V38	43.2	standard	46 x 39.3	107	M37 x 0.75	1097301
PYRITE 4.0/60 V38	4.0–32	60	V38	62.5	standard	46 x 41.8	114	M37 x 0.75	1097302
PYRITE 4.0/80 V38	4.0–45	80	V38	82	standard	46 x 42	109	M37 x 0.75	1097276
PYRITE 5.6/80/1.0x V38	5.6–45	80	V38	100	standard	46 x 47	130	M37 x 0.75	1097785
PYRITE 4.5/85/0.5x-2.0x V38	4.5–8	85	V38	62.5	standard	48.5 x 48	270	M37 x 0.75	1072517
PYRITE 4.5/90 V38	4.5–64	90	V38	90	standard	46 x 48	134	M37 x 0.75	1097789
PYRITE 4.5/90/0.3x V38	4.5–64	90	V38	90	standard	46 x 52	129	M40.5 x 0.5	1097784
PYRITE 5.6/100 V38	5.6–64	100	V38	100	standard	46 x 40	174	M37 x 0.75	1097303
PYRITE 5.6/120/1.0x V38	5.6–64	120	V38	90	standard	46 x 54.7	164	M40.5 x 0.5	1097277
PYRITE 5.6/120/0.75x V38	5.6–64	120	V38	90	standard	46 x 54.7	164	M40.5 x 0.5	1097786
PYRITE 5.6/120/0.5x V38	5.6–64	120	V38	90	standard	46 x 54.7	164	M40.5 x 0.5	1097787
PYRITE 5.6/120/0.33x V38	5.6–64	120	V38	90	standard	46 x 54.7	164	M40.5 x 0.5	1097788
PYRITE 2.8/50 V38	2.8–32	50	V38	43.2	standard	46 x 39.3	107	M37 x 0.75	1097301

THE UNIVERSAL LENS SOLUTION

Key Features:

- Image circle: 30mm to 100mm
- 11 focal lengths: 28mm to 120mm
- Covering a wide working distance range
- Lenses for specific magnifications available
- Very low distortion and high resolution
- V38-Mount, compatible to the V38 mounting system
- Initial apertures: F2.8 to F5.6

Typical applications:

- Machine vision
- Automated optical inspection (AOI)
- PCB inspection
- Logistics

PYRITE LENSES FOR THE INDUSTRY

These vibration insensitive lenses are designed to be used with large area and line scan sensors under harsh conditions as in many industrial applications. Very low chromatic aberrations plus low geometric distortion provide a very high image quality from edge to edge at a wide magnifications range. The V38-Mount fits to the modular Unifoc system with its large variety of accessories, including focusing mounts, extension tubes and camera adapters. Please note: The V38 lenses do not have a built-in focusing mechanism. Therefore, a separate focusing mount and adapter is required to mount the lens on cameras. Depending on the application, additional extension tubes may be required.

MORE INFORMATION

Discover the variety of our high quality lenses. For more technical details on the lenses and datasheets, please visit our website: www.schneiderkreuznach.com/pyrite



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