

DIAMOND








High magnification for 12k and 16k linescan applications

Key Features:

- Image circle: 62.5 mm – 82 mm
- Extremely high resolution down to 3.5 μ pixel size
- 5 magnifications available: 2.6x – 5.2x
- Optimized for specific magnifications
- V-Mount for easy installation
- Best azimuth marking
- Versions with beamsplitter available

Typical applications:

- FPD inspection
- PCB inspection
- Micro defect detection
- AOI (Automated Optical Inspection)

Name	Aperture	Focal length (mm)	Mount	Sensor size	Type	Size D x L (mm x mm)	Weight (g)	Filter thread	Code	Datasheet
DIAMOND 0.13/2.6x V70	0.13	2.6x	V70	62.5mm	on request	75 x 132.4	1140	M40.5 x 0.5	1078039	Download 
DIAMOND 0.12/2.6x V70-BS	0.12	2.6x	V70	62.5mm	with beamsplitter	95 x 157.5	1350	–	1076949	Download 
DIAMOND 0.17/3.5x V90	0.17	3.5x	V90	62.5mm	on request	95 x 174	2008	M40.5 x 0.5	1076963	Download 
DIAMOND 0.16/3.5x V90-BS	0.16	3.5x	V90	62.5mm	with beamsplitter	95 x 204.5	2260	–	1079718	Download 
DIAMOND 0.22/5.2x V70	0.22	5.2x	V70	62.5mm	on request	75 x 142	1030	M58 x 0.75	1079320	Download 
DIAMOND 0.22/5.2x V70-BS	0.22	5.2x	V70	62.5mm	with beamsplitter	95 x 168.1	1252	M58 x 0.75	1081873	Download 
DIAMOND XL 0.16/3.33x V90-BS	0.16	3.33x	V90	82mm	with beamsplitter	95 x 208.2	1900	–	1098892	Download 
DIAMOND XL 0.21/5.0x V70-BS	0.21	5.0x	V70	82mm	with beamsplitter	95 x 168.1	1170	M58 x 0.75	1099014	Download 