

SAPPHIRE

The standard for 12k / 16k line scan

Key Features:

- Image circle: 62.5mm – 82mm
- Extremely high resolution down to 3.5µ pixel size
- 11 magnifications available: 0.07x – 2.0x
- Optimized for specific magnifications
- V70-Mount for easy installation
- Version with Beamsplitter available
- Best azimuth marking

Typical applications:

- FPD inspection
- PCB inspection
- High resolution 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
SAPPHIRE 0.007/0.07x V70	0.007	0.07x	V70	62.5mm	standard	75 x 102.7	735	M52 x 0.75	1068013	Download ↓
SAPPHIRE 0.02/0.23x V70	0.02	0.23x	V70	62.5mm	standard	75 x 98.2	700	M52 x 0.75	1071819	Download ↓
SAPPHIRE 0.03/0.29x V70	0.03	0.29x	V70	62.5mm	standard	75 x 98.3	700	M52 x 0.75	1071818	Download ↓
SAPPHIRE 0.04/0.35x V70	0.04	0.35x	V70	62.5mm	standard	75 x 97.5	830	M52 x 0.75	1068012	Download ↓
SAPPHIRE 0.05/0.5x V70	0.05	0.5x	V70	62.5mm	standard	75 x 100.1	700	M52 x 0.75	1071189	Download ↓
SAPPHIRE 0.06/0.7x V70	0.06	0.7x	V70	62.5mm	standard	75 x 98.3	810	M52 x 0.75	1071190	Download ↓
SAPPHIRE 0.08/0.875x V70	0.08	0.875x	V70	62.5mm	standard	75 x 98.1	720	M52 x 0.75	1076452	Download ↓
SAPPHIRE 0.09/1.143x V70	0.09	1.143x	V70	62.5mm	standard	75 x 150.8	750	M58 x 0.75	1076453	Download ↓
SAPPHIRE 0.10/1.75x V70	0.1	1.75x	V70	62.5mm	standard	75 x 91.5	688	M40.5 x 0.5	1068014	Download ↓
SAPPHIRE 0.10/1.75x V70-BS	0.1	1.75x	V70	62.5mm	with beamsplitter	95 x 122	935	–	1073347	Download ↓
SAPPHIRE XL 0.09/1.43x V70	0.09	1.43x	V70	82mm	standard	75 x 149.8	840	M58 x 0.75	1076096	Download ↓
SAPPHIRE XL 0.10/2.0x V70	0.1	2.0x	V70	82mm	standard	75 x 149	840	M58 x 0.75	1076451	Download ↓