

LightPath[®]

..... TECHNOLOGIES



A LightPath[®] COMPANY

GLOBAL LEADER IN OPTICAL TECHNOLOGY



*Thermal Imaging Lens
Assemblies for applications
such as:*

- High-volume, cost effective manufacturing
- Full design support for custom optics and mechanics from our experienced engineering team
- Thermal imaging and thermography
- Gas sensing and spectroscopy
- Security and surveillance
- Automotive vision enhancement
- Manufacturing process control and inspection
- Target tracking and identification
- Weapon Sights
- Thermal Monocular and Binocular

If you don't see the lens you need in our catalog, our engineering team will customize a solution for your specific application.

LightPath Thermal Imaging Lens Assemblies

Assembly Part Number	Lens Type	Effective Focal Length	F/#	Recommended Detector Format (H x V Resolution / Pixel Size)	Horizontal FOV (on Specific Detector)
7100333	Molded BD6™ Singlet	1.5 mm	1.3	80 x 80 / 34 µm	120°
7100327	Molded BD6™ Singlet	1.9 mm	1.3	80 x 80 / 34 µm	90°
7100380	Molded BD6™ Singlet	2.7 mm	1.3	80 x 80 / 34 µm	60°
7100410	Molded BD6™ Singlet	4.0 mm	1.2	320 x 240 / 12 µm	56°
7100331	Molded BD6™ Singlet	5.3 mm	1.3	320 x 240 / 12 µm	42°
7100306	Molded BD6™ Singlet	6.3 mm	1.3	320 x 240 / 17 µm	50°
7100305	Molded BD6™ Singlet	7.7 mm	1.3	320 x 240 / 17 µm	41°
7100320	Molded BD6™ Singlet	9 mm	1.3	320 x 240 / 17 µm	35°
7100340	Molded BD6™ Doublet	15 mm	1.2	640 x 512 / 10 µm	25°
7100350	Molded BD6™ Doublet	15 mm	1.0	384 x 288 / 17 µm	25°
7100338	Molded BD6™ Doublet	19 mm	1.1	640 x 480 / 17 µm	32°
7100341	Molded BD6™ Doublet	20 mm	1.2	640 x 512 / 10 µm	18°
7100346	Molded BD6™ Doublet	24 mm	1.2	640 x 480 / 17 µm	26°
7100412	DT / Molded BD6™ Hybrid	25 mm	1.0	640 x 480 / 17 µm	25°
7100383	DT / Molded BD6™ Hybrid	35 mm	1.0	640 x 480 / 17 µm	18°
7100353	DT / Molded BD6™ Hybrid	50 mm	1.2	640 x 480 / 17 µm	12°
7100406	Germanium	75 mm	1.0	640 x 480 / 17 µm	8°

For more information

1-800-472-3486 or 407-382-4003

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www.lightpath.com | www.ispoptics.com

Custom Options Available

Get your quote today!