

# LightPath®

..... TECHNOLOGIES

Featuring



A LightPath COMPANY

## GLOBAL LEADER IN OPTICAL TECHNOLOGY



- High-volume, cost effective manufacturing
- Full design support for custom optics and mechanics from our experienced engineering team

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

- 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

## LWIR Thermal Imaging Lens Assemblies

Part Number	Effective Focal Length	F/#	Recommended Detector Format (Resolution / Pixel Size)	Horizontal FOV	Diagonal FOV
7100327	1.9 mm	1.3	80x80 / 34 μm	90°	148°
7100305	7.7 mm	1.3	320x240 / 17 μm	41°	52°
7100339	17 mm	1.2	640x480 / 17 μm	36°	45°
7100338	19 mm	1.1	640x480 / 17 μm	33°	42°
7020-2-D-03	25 mm	1.0	640x480 / 17 μm	24.6°	30.4°
7010-1-D-01	35 mm	1.2	640x480 / 17 μm	17.7°	22.0°
7030-1-D-01	50 mm	1.2	640x480 / 17 μm	12.4°	20.4°
7204100	60 mm	1.2	640x480 / 17 μm	10.4°	12.9°

Commercial Parts (Non-ITAR)  
FOV data for other detectors available upon request

For more information

Phototechnica Corporation

+81-48-871-0067

[www.lightpath.com](http://www.lightpath.com) | [www.ispoptics.com](http://www.ispoptics.com)