

# Infrared Lens (20mm F/1.0)

(patent pending)

## Product Description

Agiltron's 20mm IR imaging lens system consists of only three optical elements. These components are made of low cost and moldable chalcogenide glass that can accommodate both MWIR and LWIR wavelength ranges. These unique features provide the best solution for a high resolution IR imaging with high signal intensity level while boasting the smallest size, the lowest weight, and the lowest cost.

The lens comes with standard C-mount. Other customary lens mounts are also available.



## Performance Specification

Panoramic IR Lens		Unit
Wavelength	8 ~ 14	um
Focal length	20	mm
F number	1.0	
Number of lens	3	piece
Angular FOV	30 degree	degree
Back Working Distance (w/window)	8	mm
Resolution	20	lp/mm
Working distance	1000 to infinity	mm
Diameter	32	mm
Length	35.5	mm
Mount	CS	
Window (t/n)	1.0mm/4.0	

## Ordering Information

IRL-	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Focal Length	F Number	Option
	20mm=L20 Special=L00	Standard =1 Special =0	Standard = 00

## Features

- High Optical Gain
- Light Weight
- Small Size
- High Reliability
- High Resolution
- Low Cost

## Applications

- Security
- Defense