

Newsletter - March 2011

Dear Valued Customer,

First quarter of 2011 is almost about to end and we feel the increasing demand for Infrared imaging products. Being a customer focus, we need to supply what our customer needs.

So, our R&D engineers come up with the new development for

- * **SWIR**
- * **MWIR**
- * **Athermal Lens**
- * **Additional series to LWIR**
- * **Featured products for Illumination & Vision**

For the softcopy of our Infrared Imaging Lens catalogue for 2011, you can register using this link <http://www.wavelength-tech.com/download.jsp> and then download the file.

You can also visit our website www.wavelength-tech.com for more information or you can email to yana@wavelength-tech.com.

Wavelength Technology

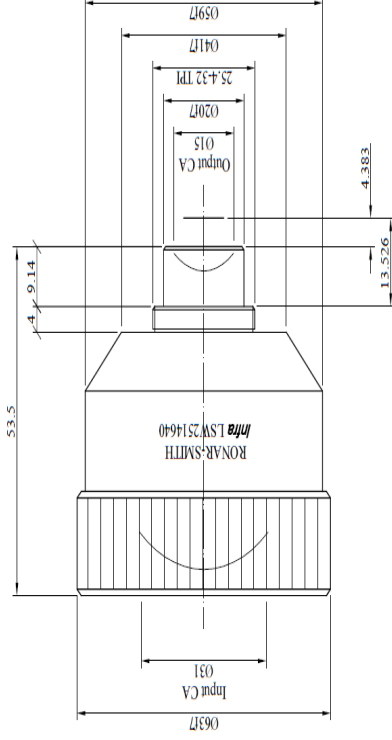
SWIR Lens

SWIR imaging lens is extensively utilized in defense applications for its unique capabilities. SWIR images are close representations of what is seen in the visible spectrum.

Here is the additional products for SWIR -LSW series

Part No:	FL (mm)	F#	Wavelength (nm)	Focus Type
LSW02514640	25	1.4	900-1700	Manual

Drawing:



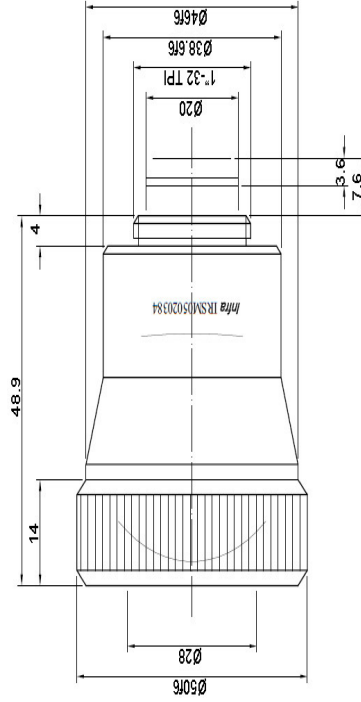
We have more of the LSW series to be launch in the next newsletter for FL50, FL75, L100 and FL200 and will support C-mount and F-mount.

MWIR Lens

For Midwave Infrared, we have added 3 designs and also C-mount is supported for FL50mm.

Part No:	FL (mm)	F#	Wavelength (μm)	Focus Type
IRSM-20-2-640	20	2.0	2-5	Manual
IRSM05020384	50	2.0	2-5	Manual
IRM40-6.0-320	40	6.0	3-5	Manual

Drawing for IRSM05020384:

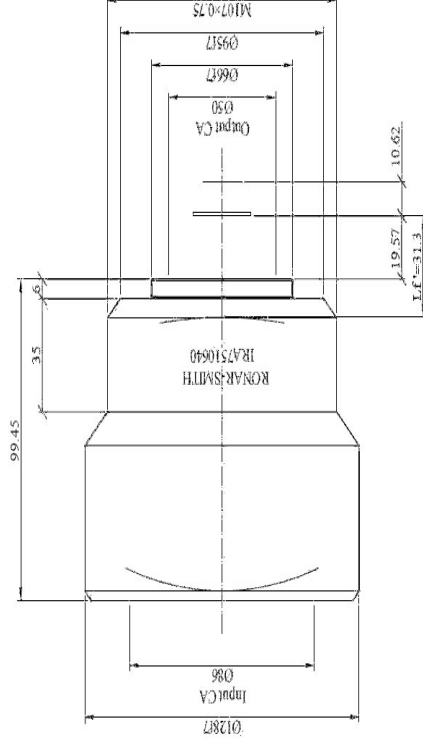


Athermal Lens

Here is the improved design for athermal lenses for FL75mm in order to meet the customer satisfaction for performance stability .

Part No:	FL (mm)	F#	Wavelength (μm)	Focus Type
IRA07510648	75	1.0	8-12	Manual

Drawing:

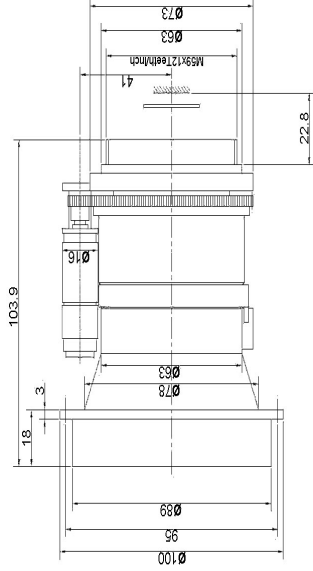


LWIR Lens

For the long region 8μ-12μm, we have added new series 320C for detector size 320*240pixels, 38μm.

Part No:	FL (mm)	F#	Wavelength (μm)	Focus Type
IR50-1.0-320C-MOT	50	1.0	8-12	Motorized
IR75-1.0-320C-MOT	75	1.0	8-12	Motorized
IR100-1.0-320C-MOT	100	1.0	8-12	Motorized

Drawing for IR75-1.0-320C-MOT:



Featured Products for Illumination and Vision:



LI series Laser Illuminator is used to assist people to capture better image in various of application, the laser source could be of UV - Visible - IR range.

The Laser Illuminator uses single laser sources such as Laser Diode (650nm, 808nm, 980nm) or laser tube (Nd:YAG, 1550nm, CO2 laser). In some application we use broad band light source (white LED, etc). Coupled with our excellent optical collimating system, the illuminator can be featured with manual or motorized, fixed or various output beam size for short and long distance illumination.



Our Laser Illuminator is widely used in night vision, industrial vision, thermal imaging, as well as laser range finding application.

Upcoming Exhibition

	15-17, March 2011 Pudong Development Area, Shanghai, China Booth: #4622 E4th Hall
	23-26, March 2011 Singapore EXPO Booth: # 3D5-06



Please visit our booth!