



Far, Middle and Near infrared are covered! Please feel free to contact us.

Far infrared area : 8~14 $\mu$ m (Thermographic camera) Thermal measurement



Highest specification  
in Japan

VIM1024G2  
1024×768pixel  
NETD<50mK



**NEW!!**  
High sensitivity  
High performance

VIM640GS  
640×480pixel  
NETD<40mK



**NEW!!**  
Reasonable price

VIM640AT  
640×480pixel  
NETD<70mK



VIM640GP  
640×480pixel  
NETD<50mK



Low price  
High performance

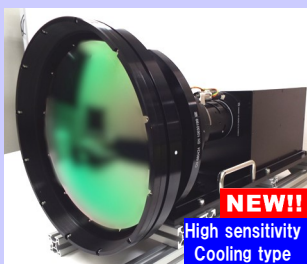
VIM384/640G2  
384×288pixel  
NETD<70mK  
640×480pixel  
NETD<60mK

Middle infrared area : 1~5 $\mu$ m



High sensitivity  
Cooling type

MIR640PL  
640×512pixel  
High sensitivity (InSb)



**NEW!!**  
High sensitivity  
Cooling type

MIR1280BB  
1280×1024pixel  
High sensitivity (xBr)

Middle infrared area : 3~20 $\mu$ m (Wideband)



Low price  
High performance

**NEW!!**  
In-house developed detector

WIR384G2  
384×288pixel  
Low price  
through flame camera



Low price  
High performance

**NEW!!**  
In-house developed detector

WIR640G2  
640×480pixel  
Low price  
through flame camera



High sensitivity

WIR640VO  
640×480pixel  
High sensitivity  
(Vox)

Near infrared area : 0.6~1.7 $\mu$ m



**NEW!!**  
Operable gated imaging

NIR640LN  
640×512pixel  
High sensitivity (InGaAs)



Low price  
High performance

NIR640SN  
640×512pixel  
High sensitivity (InGaAs)



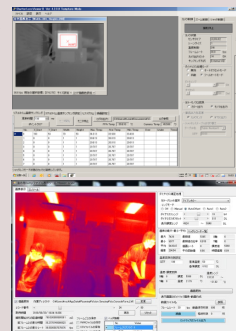
Highest specification  
in Japan

NIR640CD  
640×512pixel  
High sensitivity/High speed  
(InGaAs)

## Application Software

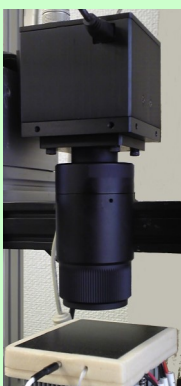
Developed application sample  
ShutterLess Viewer/Camera evaluation software/Stream Dumper etc.

Evaluation kit software and various software creation support



Far infrared microscope camera

Far infrared camera for the space

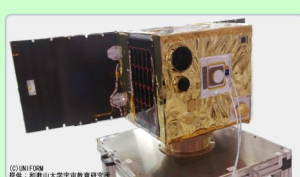


3X lens



1 X lens

1 and 3X lens  
adaptable to VIM series



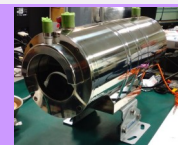
Loaded on the satellite UNIFORM

Possible to support :

- Various tests  
(Vibration test, Shock test, Thermal vacuum test,  
EMC test and Radiation test)
- Low cost and High sensitivity
- Individual design

## Options

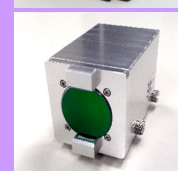
Turning stand  
gimbals installation support



Water-cooled  
heat resistant housing














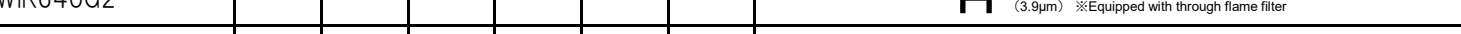





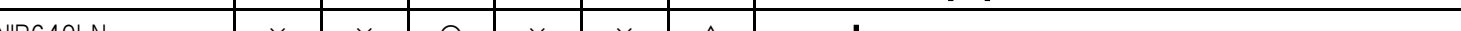






Water protection  
housing



Housing for  
through flame  
glass melting furnace

## Sensitivity wavelength and interfaces

		USB	Ether net	Camera Link	NTSC	HD- SDI	Gig-E Vision	Sensitivity wavelength range 0.6 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10 11 12 13												
	VIM1024G2	×	×	○	×	○	△													
	VIM640GS	○	○	○	○	×	△													
	VIM640AT	○	○	○	○	×	△													
	VIM640GP	○	○	○	○	×	△													
	VIM384/640G2	○	○	○	○	×	△													
	WIR384G2	○	○	○	○	×	△	 (3.9μm) ※Equipped with through flame filter (3~13μm)												
	WIR640G2																			
	WIR640VO	×	×	○	×	×	×													
	MIR640PL	×	×	○	×	×	△													
	MIR1280BB	×	×	×	×	○	×													
	NIR640LN	×	×	○	×	×	△													
	NIR640SN	×	×	○	×	×	△													
	NIR640CD	×	×	○	×	×	△													

Conversion from CameraLink interface to USB3 and Gig-E Vision is available with iPORT CL-U3 and iPORT CL-GigE from Pleora Technologies Inc.

## Delivery results

Satellite mounted far infrared camera, Resin plant fire alarm system, Stadium fire detection camera, Semiconductor inspection far infrared microscope camera, Shipboard monitoring far infrared camera, Poaching oversight far infrared camera, Tsunami monitoring far infrared camera, Resin die and mold monitoring thermography camera, Coating paint inspection thermography camera, Infrared lens evaluation camera (Evaluation kit), Fire prevention far infrared camera, Drone mounted far infrared camera, Coal firing detection far infrared camera, Waste pit fire detection camera, Incineration plant through flame camera, Volcano monitoring far infrared camera, Livestock body temperature measuring thermography camera, Glass melting furnace middle infrared camera, Far infrared microscope camera, Middle infrared microscope camera, Near infrared microscope camera, Spectroscopic analysis far infrared camera, Spectroscopic analysis far infrared camera, Spectroscopic analysis near infrared camera, Moisture concentration measurement near infrared camera, High-speed frame movable object far infrared camera, Laser profiling infrared camera, Retort pouch inspection far infrared camera, High voltage line heat generating detection far infrared camera, Tunnel inner wall inspection camera, Automotive far infrared camera, Pressing and rolling steel sheet inspection middle infrared camera, Glass melting furnace thermal measurement

If our provided price is higher than other companies with the same specifications, please contact to our sales section. We will do our best to your request. Various software development, system design, and camera development design are available.

We may change the specifications mentioned without a notice. Thank you for your understanding.

Seller

Develop • Manufacture

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