



Integration makes perfect

The Fuse series delivers unmatched range performance and image quality in a light, ergonomic package that features a long-wave IR sensor and color daylight camera with 16× digital zoom as well as image storage/download capability.

Powered by 18650 batteries, this portable imager is ideal for force protection, surveillance, reconnaissance, overwatch, and drug interdiction.





Fuse Live Shot



Fuse Live Shot

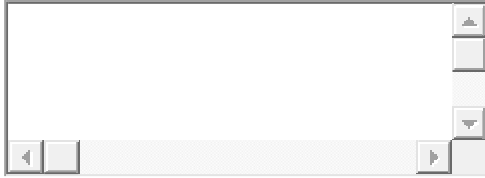
Model	MFusion OWL 384		MFusion OWL 640	
Sensor Type	Infrared	Visible light	Infrared	Visible light
Resolution	384×288	800×600	640×512	750×600
Pixel Pitch	17μm × 17μm	8μm × 8μm	17μm × 17μm	18μm × 18μm
Objective Lens (Manual)	30mm	25mm	37.8mm	40mm
Image Frame Rate	50Hz	50Hz	50Hz	50Hz
NETD	≤50mK (40mK optional)	----	≤50mK (40mK optional)	----
Low Illumination Performance	----	<0.002lux	----	<0.001lux
FOV	12.4°×9.3°	12.4°×9.3°	16°×13°	16°×13°
Recognition Distance for Human	500m		650m	
Recognition Distance for Vehicle	900m		1200m	
Digital Zoom	×4/ ×8/ ×16		×2/ ×4/ ×8	

Battery Life (Max)	≥6h	≥5h
Battery	18650×3	
Built-in Storage	32GB	
Display	800×600(OLED)	
Eye Pupil Diameter	20mm	
Diopter Adjustment	-4D~+4D	
IP Rating	IP67	
Weight	1.0kg	1.1kg
Dimension	179mm×149mm×61mm	
Color Palette	Infrared/ Visible Light/Color Fusion/Black White Fusion	
Operating Temperature	-40°C ~ +55°C	
Storage Temperature	-55°C ~ +75°C	

The data above are for reference only. Specifications in the marketed products shall prevail.

Product consulting

* Message contents :



Mobile phone :

* Country :

* Product :

E-mail :

Submit

CONTACT US

Marketing Dept.Email:sales@infiray.com

HR Email:hr01@infiray.com

Sales Hotline:[+86-400-998-3088](tel:+86-400-998-3088)

After sales hotline:[+86-400-883-0800](tel:+86-400-883-0800)

Address:11th Guiyang Street, YEDA,Yantai 264006,P.R.China

IMAGERS

[Thermal Monocular](#)

[Phone Thermal Camera](#)

[Car Thermal Camera](#)

[Clip on Thermal Scope](#)

[Rico Thermal Scope](#)

[Tube Thermal Scope](#)

[Dual spectrum thermal imager](#)

[online monitring thermal camera](#)

MODULES

[Micro III Thermal Imaging Module](#)

[Mini Thermal Imaging Module](#)

[LT Temperature Measurement Module](#)

[FT Alarming Thermal Imaging Module](#)

[Phoenix Cooled MWIR Imaging Module](#)

APPLICATIONS

[Infrared Thermography](#)

[Security Thermal Camera](#)

[Night Vision](#)

[UAV Thermal Module](#)

[Smart Phone](#)

[Automotive Thermal Camera](#)

Follow Us :



