

Spike-BF Vehicle Thermal Imager Night Vision

Spike-BF On-board Night Vision Automotive Thermal Imager provides clearer and more stable videos.

All the hidden danger can be found to secure your journey in night, haze, and glare.

Video output: PAL

Display: 8 inch, 800*600 LCD

Communication Interface: RS232

Dimensions: 88*85.6*53.2mm

Weight: 1.5kg

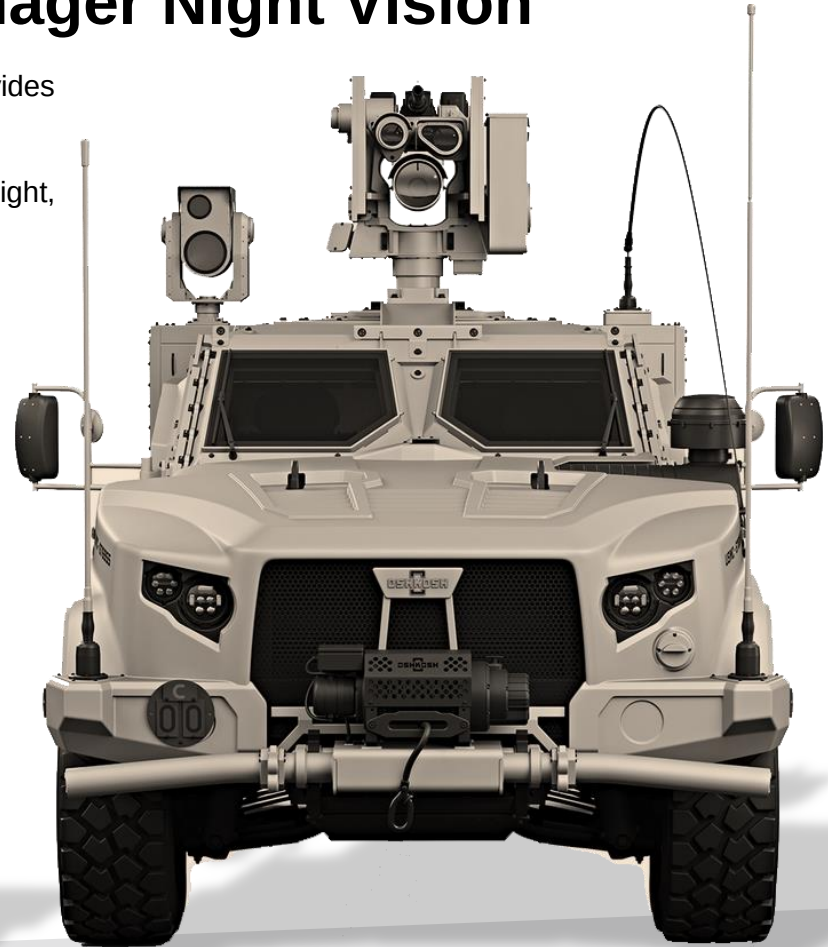
Ingress class : IP67

Operation temperature : -40°C ~ +60°C

Thermal : 640*512

Type : 12μm @ LWIR

FOV : 45°*37°



Lens	DD (Vehicle)	DD (Human)	RD (Vehicle)	RD (Human)	ID (Vehicle)	ID (Human)
100mm	-	-	291m	215m	-	-

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Features of Spike-BF Thermal Imager Night Vision for Vehicles

1. Shutter less infrared module provides images without lagging.
2. Digital video output which is anti-interference with small delay.
3. Optional display supports inputs up to 4 channels.
4. Fusion of infrared and visible light provides rich details and highlighted targets.
5. Infrared resolution 640×512, HD 1080P star-level low light.

Applications of Spike-BF Thermal Imager Night Vision for Vehicles

- SPICE BF for Desert fusion
- SPICE BF for City fusion
- SPICE BF for Ocean fusion
- SPICE BF for Low illumination visible light night vision
- SPICE BF for Snow vision
- SPICE BF for Infrared night vision
- SPICE BF for Jungle vision



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Specifications

Model	Spike-BF		
Infrared detector			
Resolution	640×512		
Spectral band	8~14μm		
Low-light visible light detector			
Resolution	1920×1080		
Spectral band	400~1100μm		
Optics			
Infrared FOV	45.5°×37°		
Low-light visible light FOV	51°×30°		
Fusion FOV	45.5°×30°		
Recognition distance	1.7m×0.5m Human Target	200m	250m
	2.3m×2.3m Vehicle Target		
Power			
Power supply requirements	12V		
Power consumption	≤4W （10W while defrosting）		
Interface			
Interface	Aviation socket		
Video	PAL/FPD_LINK		
Communication	RS232		
Environment specifications			
Operating temperature	-40℃~+60℃		
Encapsulation	IP67		
Lens protection	Protective window, automatic heating, and replaceable protective window		
Physical characteristics			
Dimension	88mm×85.6mm×53.2mm		
Weight	≤550g		