

SPIKE-BS

Thermal Imager Night Vision Camera for Car

Spike-BS 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.

Resolution 384×288/640×512

Encapsulation IP67

Operating Temperature -40°C~+60°C



Applications

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. Infrared resolution 640×512

Specifications

Model	Spike-BS3	Spike-BS6
Detector		
Resolution	384×288	640×512
Spectral band	8~14μm	8~14μm
Optics		
Infrared FOV	39°×30°	45.5°×37°
Recognition distance	1.7m×0.5m Human Target 150m	1.7m×0.5m Human Target 200m
	2.3m×2.3m Vehicle Target 200m	2.3m×2.3m Vehicle Target 250m
Power		
Power supply requirements	12V	12V
Power consumption	≤2W (5W while defrosting)	≤2W (5W while defrosting)
Interface		
Interface	Aviation socket	Aviation socket
Video	PAL/FPD_LINK	PAL/FPD_LINK
Communication	RS232	RS232
Environment Specifications		
Operating Temperature	-40°C~+60°C	-40°C~+60°C
Encapsulation	IP67	IP67
Lens protection	Protective window, automatic heating, and replaceable protective window	Protective window, automatic heating, and replaceable protective window
Physical Characteristics		
Dimension	80mm×50mm×46mm	80mm×50mm×46mm
Weight	≤350g	≤350g

