

**SC3230I SC6415I**  
**MWIR InSb IDDCA**  
**Specifications**



Suzhou Grand Sensor Inc.

Array Features	SC3230I	SC6415I
Format	320×256	640×512
Pixel Pitch	30μm	15μm
Detector Spectral Response	3.4-4.9μm	
FPA Operating Temperature	Up to 80K	
ROIC (Read-out Integrated Circuit)		
ROIC Architecture	Direct injection input circuit, ITR	
ROIC Functionalities	Programmable integration time, programmable windowing	
Charge Handling capacity	15.6 Me	5.7Me-
ROIC Control and Image Processing Electronics		
Board Power Supply	5V	
Video Output	14 bits, Cameralink	
Typical Performances		
NETD	< 12mk	< 25mk
Array Operability	≥99.7%	≥99.5%
FOV	F/2 F/4	
Power Supply	12V	
Cooldown time	< 5.5min	
Power Consumption	< 7W (steady), < 16W (during cooling)	
Weight	K508:0.65kg	
Operating Temperature	-40~70°C	