



202X Cooled LWIR Core Components

Application scope

I As a high-performance thermal imaging component, suitable for all kinds of optoelectronic systems

Functional features

I Compact structure, small size, light weight

I Good environmental adaptability and high reliability

Technical parameters

Item		Technical parameters	
Detector performance	Detector type	320×256coolingfocalplane	640×512coolingfocalplane
	Response band	8~14 μm	
	NETD	≤30mk(@25°C)	
Thermal imaging camera adjustment	Image polarity	White/Black	
	Calibration function	Manual calibration	
	Brightness/gain adjustment	Automatic/manual adjustment of brightness, gain	
	Electronic zoom	√	
	Positive/reverse image display	√	
	Crosshair	Display/move/store	
Video output		Standard composite video (PAL)/expandable digital (LVDS or Camera Link) video output	
Interface	Mechanical Interface	Flanged/threaded/ or user specified	
Environmental parameters	Operating temperature	-30°C~+60°C	
	Storage temperature	-40°C~+70°C	