

201X Cooled MWIR Core Components

Application scope

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

Functional features

Compact structure, small size, light weight

High environmental adaptability and reliability

Technical parameters

Item		Technical parameters	
Detector performance	Detector type	320×256coolingfocalplane	640×512coolingfocalplane
	Response band	3~5 μm	
	NETD	≤15mk (@25℃)	≤30mk (@25℃)
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℃~+60℃	
	Storage temperature	-40℃~+70℃	