

## TECHNICAL PARAMETER

Model	K3BMT130I
Resolution	1.3MP
Type	1.3MP 1/2" Short-wave Infrared Camera
Sensor Type	CMOS
Sensor	IMX990
FPA Materials	InGaAs
Response band	0.4-1.7um
Shutter	Global Shutter
Resolution(HxV)	1280x1024
Frame Rate	134fps
Sensor size	1/2"
Pixel size	5.0um x 5.0um
SNR	-
Gain	24dB
Dynamic Range	-
Exposure Time	0.013-133ms
Sensitivity	7.3V/lux-s
Pixel Bit depth	8/10bit
Pixel Format	Mono 8/10 Bayer 8/10
Binning	Supports 1x1, 1x2, 2x1, 2x2
Image buffer	128M Bytes
User parameter area	4K Bytes
Capture mode	Continuous/Soft trigger/Hard trigger
Data Interface	USB3.0 @ 5Gbps
transmission distance	100m
Digital I/O	I/O: One opto-isolated input, and two opto-isolated output
Power supply	5VDC, USB3.0 power supply
Power consumption	<3.5 W@5 VDC
Dimension	-
Lens mount	C-mount / CS-mount
Ingress protection	IP30
Weight (typical)	-
Temperature	Working temperature: 0 ° C to 50 ° C (32 ° F to 122 ° F) Storage temperature: -30 ° C to 70 ° C (-22 ° F to 158 ° F)
Humidity	20% to 80% RH, without condensation
Driver	DirectShow, Twain, Halcon, OCX
Software support	Halcon, OpenCV, LabView, Matlab
Development languages	C/C++, VB6, VB.net, Delphi6, C#, QT, C++Builder, LabView, Python

Operating system	Windows、Linux、Android、MacOS
Compatibility	USB3 Vision , GenICam

## SPECTRUM CHART

