

HTN120 UAV version

Detector	
Model	HTN120
Pixel	640×480
Pixel pitch	17μm
Type	Uncooled FPA(ASI)
Spectral Range	8~14μm
NETD	≤65mk@30°C
Image	
Calibration	NBT digital calibration
Noise reduction	Digital filtering
Electric zoom	X2, X4, X8/ Smooth Zoom
Polarity reversal	Available
Image flip	Horizontal、Vertical、180° Flip
Frame rate	50Hz
Display	
Video output	1 port CVBS 50Hz (PAL) / 60Hz (NTSC)
Digital video	1 port HDMI(micro)
Palette	12
Gain/Brightness adjustment	Auto / Manual
Interface	
Serial port	1 port 3.3VTTL, 4 port PWM control.
Network	100M Ethernet
Keyboard	Yes
Storage	TF card Slot for storage
Power	
Operating voltage	DC 5~12V
Power consumption	≅2.8W(9V)
Environment	
Operating temperature	-40°C ~+60°C
Storage temperature	-50°C ~+85°C
Humidity	≅95%(Non condensing)
Physical Characteristic	
Dimension	32mm x 32mm x41mm(W x H x L) (without housing, without lens)
Weight	<40g (without lens)
Extended feature	
Temp Measurement	Multiple point temperature measurement: Max, Min, Centre, average; Over-temperature alarming. (-20°C ~+200°C)
Accuracy	±2°C/2%