

ZH-TIS07-Thermal imaging detector module-specification-V1.0

No.	specification	parameter
1	Thermal imaging detector module	
2	Product name	ZH-TIS07
3	Sensor	High performance vanadium oxide uncooled infrared detector
4	Sensor Size	384*288
5	Imaging mode	White heat mode
6	Pixel spacing	@12μm WLP
7	Response band	8 ~ 14μm
8	Detection lens	7.0mm, Fixed focus: 5M-infinity
9	FOV	29°* 20°
10	Detection/recognition distance	Human detection identify: 150M;
11	AI SOC	MPU/CPU AI SOC
12	Video Output	CVBS
13	Interface	PAL-720*576
14	Wide Power Input	DC 5.0-20V
15	Connector	3PIN/1.25: DC+; GND; CVBS; 2PIN/1.25: RX; TX
16	Dimensions Size	19mm*19mm*25mm[FPV camera size]
17	Work Temperature	-30℃ ~ +70℃
18	Work Humidity	20%~80%
19	Weight	12.0g(N.W)/15.0g(G.W.)