

Comparison on the popular Industrial Thermal Imager Cameras



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Specifications					
Model	UTi712S	UTi85A	UTi165A	UTi220B	UTi260B
Temperature range	-20~400°C	-10~400°C	-10~400°C	-10~400°C	-15~550°C
IR resolution	120x90 pixels	80x60 pixels	160x120 pixels	160x120 pixels	256x192 pixel
Field of view (FOV)	50° x 38°	51°x38°	56°x 42°	35°x26°	56°x 42°
Thermal sensitivity (NETD)	60mK	150mK	50mk	100mk	50mk
Spatial resolution (IFOV)	7.3mrad	11.1mrad	6.1mrad	3.1mrad	3.8mrad
Frame rate	25Hz	9Hz	9Hz	9Hz	25Hz
Measurement accuracy	±2°C or ±2% whichever is greater				
Palettes	6	5	5	7	7
Emissivity	Adjustable (0.01-1)	Adjustable (0.01-1)	Adjustable (0.01-1)	Adjustable (0.01-1)	Adjustable (0.01-1)
Focus	Focus free	Focus free	Focus free	Focus free	Focus free
Display modes	Thermal	Thermal	Thermal	Thermal, visible, blending	Thermal, blending, visible, PIP
Display	2.4"LCD	2.8"LCD	2.8"LCD	2.8"LCD	2.8"LCD
ROI (eliminates interference)	X	√	X	√	√
Realtime Monitoring on PC	X	√	X	√	√
PC Software Analysis	√	√	√	√	√
Buzzers	√	√	X	√	√
General Characteristics					
Power	Li-ion battery (3.7V 2600mAh)	Li-ion battery (3.6V 5000mAh)			
Product net weight	310g	Around 910g			
Product net size	196mmx63mmx75mm	236mm x 75.5 mm x 86mm			
Standard accessories	Micro SD card, Type-C USB cable, English manual				
Standard individual packing	Gift box				
Standard quantity per carton	10pcs				
Standard carton measurement	610mm x 345mm x 305mm				
Standard carton gross weight	10.1kg				