



DT-876H/877H

Heavy Duty Professional InfraRed Imager Thermometer with Single infrared thermometer 877H Series are Professional InfraRed 120x90 pixels Imager Thermometers with 2.4" color TFT LCD display, 120x90 pixels Imagers providing fast, easy and accurate readings for most surface temperature measurements with cloud service.



Specifications		
Imaging and optical data		
Object temperature range (32x32)	-20°C to 600°C (-4°F to 1112°F) (876H)	
Object temperature range (120x90)	-20°C to 400°C (-4°F to 752°F) (877H)	
Basic accuracy	±2°C (±3.6°F) or ±2% of reading	
Field of View	50° x 38° (877H) / 33° x 33°(876H)	
Color palettes	GREY/GREY IRON/ IRON/RAINBOW	
Detector data		
Detector type	VOX microbolometer(877H)	
	Uncooled hyper-thin pyroelectric ceramic(876H)	
Single point infrared thermometer		
	877H	876H
Temperature range	-50°C to 800°C -58°F to 1472°F	-50°C to 600°C (-58°F to 1112°F)
D:S	50:1	30:1
Basic accuracy	±1°C (±1.8°F) or ±1% of reading	
Response Time	Less than 150ms	
Emissivity adjustable	0.10~1.0 Adjustable	
Micro SD memory card	MAX. support 8GB	
Image storage format	Standard JPEG, including measurement data, on memory card > 1000 pictures	

Features	877H	876H
IR temperature measurement resolution 120x90 32x32	120x90	32x32
Single point infrare thermometer	*	*
Circular laser targeting	*	*
2.4" TFT 320x240 Pixels color LCD display	*	*
2 million pixel video camera	*	*
Image capture frequency	30Hz	9Hz

Thermal sensitivity (NETD)	≤60 mK	≤100 mK
Hot Spot and Cold Spot Tracking	*	*
Visual camera & images capture(JPEG)	*	*
Micro SD memory card	*	*
Date/time setup controls, adjustable emissivity & trigger lock	*	*
Li-ION rechargeable battery	*	*
Optical Resolution	50:1	30:1
USB interface	*	*
Language selection: English, Chinese,French, German, Italian	*	*

Accessories: 3.7V Li battery, USB cable, Carrying case and Gift box

Weight: 410g

Size(HxWxD): 210mm x 60mm x 123mm