

Thermal Imaging Cameras

Non-contact Temperature Measurement

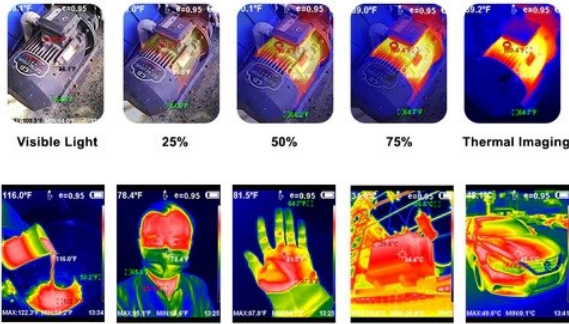
HT-04D

HT-18+

5 Color Palette



Change Fusion Mode



Model	HT-04D	HT-18+
Display Screen	2.8" Full angle TFT colour LCD	3.2" Full angle TFT colour LCD
IR Temp Range	-20.0°C ~ 300.0°C	-20.0°C ~ 550.0°C (High/Low range)
IR Accuracy	±2% of reading or ±2°C whichever is greater	
IR Detector	Infrared Focal Plane	Vanadium Oxide Uncooled Infrared Focal Plane (12µm cell size)
IR Image Resolution	160 x 120 (19,200 pixels)	256 x 192 (49,152 pixels)
Visual Image Resolution	640 x 480 (0.3MP)	
Field Angle	35° x 26°	56° x 42° / IFOV 3.75mrad
Shortest Focal Distance	0.5m	0.15m
Lens Focal Length	3.2mm / Fixed focus	
Thermal Sensitivity	0.07°C	0.07°C / NETD: ≤50mK @ 25°C, F/1.1
Emissivity	Adjustable 0.10 ~ 1.00	
Image Refresh Rate	9Hz	≤25Hz
Spectral Range	8~14µm	
Colour Palette	Rainbow, Iron Oxide, Cold, Black & White, White & Black	
Markers	Centre point and Hot/Cold spot markers	
Image Fusion	Thermal and Visual image fusion in 25% steps	
Storage Medium	Built-in 3GB memory (2 million images)	Built-in 4GB eMMC (user available about 3G)
File Format	JPEG	JPEG / MP4
USB	Micro USB 2.0 with free imaging software available	
Power Supply	Rechargeable 18650 Lithium-Ion battery	
Weight	389g	
Dimensions (mm)	226 x 96 x 72	223 x 105 x 90
Accessories	Carry bag, strap, 18650 Li-Ion battery, USB cable and manual	

Distributor:

AWR Smith Process Instrumentation cc
 PO Box 449 Pinegowrie 2123
 Tel: 011 782 7279 / 888 7144 Fax: 086 648 7664
 e-mail: sales@instruments.co.za website: www.instruments.co.za