

THT41 - THT42 - THT44

PROFESSIONAL INFRARED THERMAL IMAGERS

THT41, THT42 and THT44 are hand-held infrared cameras developed to quickly become the technician's best friends. In a rugged and ergonomic design, THT41, THT42 and THT44 are robust and shock-resistant for any working environment. THT41, THT42 and THT44 are specifically designed for products predictive maintenance, electrical inspections, non-destructive testing, process control applications, quarantine inspection, security monitoring solutions, firefighting finding and rescue, building energy testing and diagnostics, veterinarian helper, etc. THT42 and THT44 are featured with Infra Fusion technology to pin-point the problem exactly in high efficiency.

IMAGING	THT41	THT42	THT44
Thermal			
Detector type	FPCUncooled microbolometer		
Spectral range	8 to 14 μm		
Pixels	160 x 120, 25 μm		
Sensitivity	$\leq 100\text{mK @ } 30^\circ\text{C @ } 60\text{Hz}$		
Lens / FOV	11mm / 20.6°x 15.5°		
Focus	Manual (thermal)	Manual (thermal)	Auto / Manual (thermal and visual)
Image frequency	50 Hz	50 Hz	50 Hz PAL / 60 Hz NTSC
Palette	4	6	8
Visual			
Built-in Digital Video	-	CMOS sensor 1600x1200 pxl (2Mpxl), 2 ²⁴ true colors	CMOS sensor 1600x1200 pxl (2Mpxl), 2 ²⁴ true colors
Display			
External display	3.6" TFT LCD screen		
Video output	-	-	PAL / NTSC
Infra fusion	-	Visual and IR blending	Visual and IR blending
Live thermal video recording	-	-	• by USB to PC
Built-in flash memory	-	•	•

ACCESSORIES	Code
Standard	
11mm lens and protection cover	
2GB SD card and card reader	
12 AA rechargeable batteries	
AC adapter	
USB extension cable	
USB driver	
Wrist strap	
Windows ThermoVlewPRO software	
User manual	
ISO9000 calibration certificate	
Safety case	
Videocable (THT44)	
Sun shield	SSHIELD49
Optional	
Universal tripod adapter	TRIPO49
7 mm wide angle lens FOV 31.9° x 24.2°	
30 mm telelens FOV 7.6° x 5.7°	
350° C high temperature	
1200° C high temperature	

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NEW



Thermal images



Complete set for transport of accessories

NEW



THT41
HN000041

NEW



THT44
HN000044



THT42
HN000042

ROBUST AND
SHOCK
RESISTANT