T5|T6

Thermal Imaging Cameras

ULIRVISION T5|T6 are with ergonomic design, high performance with 5MP visual camera, interchangeable lens, 4,3" touch screen, manual & auto focus. It can provide powerful assistance for thermographers to have the most efficient instrument for maintenance inspections.

T5|T6 have a wide range temperature measurement to satisfy variety of thermograph applications and they enable you to identify the small temperature difference that could cause big problems.

Features

4.3" touch screen display

Auto/Manual focus

Built-in digital camera, 5.0MP resolutions

Multiple measurement: 10 spots, 5 vertical/horizontal lines, 5 boxes & 3 circles

2-meter drop protection

Applications

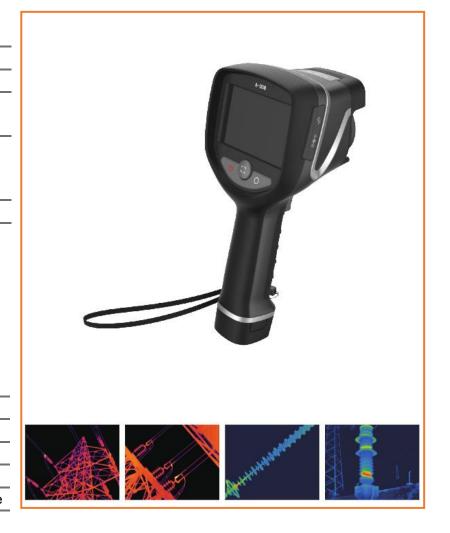
Building Diagnostics

Electrical/Mechanical Inspection

Research & Development

Automation Applications

Preventative & Predictive Maintenance



Technical Specifications

Item		Т5	Т6
Detector Data		13	10
		Line	colod EDA
Type IR resolution		Uncooled FPA 640×480	
		304^200	
Pixel pitch		17μm	
Spectral range NETD/Sensitivity		7.5∼14μm	
	у		35mK
Lens			0.40 × 4.00
FOV		24°×18°	
IFOV		1.13mrad	0.68mrad
Focus		Auto/Manual	
Lens recognition		Automatic	
Lens(optional)		48°×36°/12°×9°	
Image Performa	ance	4.004	00 11 000 100 1
Display		4,3" touch screen,LCD with 800×480 pixels	
Visual camera		5.0 mega pixel	
Frequency		50Hz/60Hz	
Zoom		1X~10X continuous	
Color palletes		12 palletes (including iron, rainbow, white hot and black hot etc.)	
Brightness		Manual	
Measurement			
Temperature ran		-20℃~+600℃(can be extended to 1200℃)	
Temperature accuracy		±2℃/±2%(reading)	
Spotmeter		10 adjustable spots	
Line profile		5 Vertical/Horizontal	
Area		5 adjustable boxes & 3 adjustable circles with max./min./avg. temperature value	
Isotherms analysis		Capture high/low temperature/interval	
Alarm		Voice, color	
Measurement correction		Auto/Manual	
Emissivity correction		Adjustable from 0.01 to 1.0 or selected from list of materials	
Background correction	temperature	,	Auto
Atmospheric correction	transmissivity		Auto
Setting function		Date/time_temperat	ure unit ˚C/˚F/K, language
Image Storage		Bato, amo, tomporat	a
Storage media			32G
Thermal image format		JPEG, with 14-Bit measured data image	
Voice annotation		60s voice record, stored with per image via built-in microphone	
Text Annotation		Support 30 preset text annotations(editable)	
Laser Point		Support 60 preset	ton annotationo(outable)
Grade/Type		Class 2.1	mW/635nmRed
Interfaces		Class Z, I	mw/oodilliited
Power interface			Yes
Power interface			100

SD card slot	Yes	
WIFI	Yes	
Bluetooth	Yes	
Video output	HDMI	
USB	USB 2.0	
Tripod	1/4" -20	
Power System		
Battery type	Lithium battery	
Battery operation time	4h continuous	
External power	DC: 12V	
Charging system	Intelligent charger or in camera	
Power saving	Yes	
Environment Parameters		
Operation temp range	-20°C∼+50°C	
Storage temp range	-40℃~+70℃	
Humidity	≤95%(Non-condense)	
Vibration	2G(IEC60068-2-6)	
Shock	25G(IEC60068-2-29)	
Encapsulation	IP54(IEC60529)	
Physical Data		
Size	261mm×123mm×114mm	
Weight	≤950g(with battery and standard lens)	
Packing		
Standard	Thermal imaging camera with standard lens, 2 lithium batteries, battery	
	charger, adapter, USB cable, SD card, SD card reader, USB flash drive,	
	warranty card, calibration book, carrying case, user manual	
Quality assurance		
CE	Yes	